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UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH ADMINISTRATION

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1948¹

(List of Pests Recorded During the Period July 1, 1947 to June 30, 1948, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory)

INTRODUCTION

This report, covering the thirty-fifth year for which interception lists have been issued, summarizes the records of insect pests and plant pathogens found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

In some cases collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who determine a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

While every reasonable effort is made to give the correct origin for all collections listed, the alleged origin of host plant materials cannot be verified in all cases, and where there is reason to doubt the accuracy of the information, the questionable items are either omitted or the origin is listed as unknown.

During the period under consideration importations of plant propagative material have continued to arrive from various parts of the world in volumes exceeding those of prewar years. Many of these perishable plant importations arrived by air transportation and with them came living pests in considerable numbers. Formerly, many of these same pests perished on long sea voyages. This increased threat to the nation's plant life has necessitated increased vigilance on the part of all persons concerned. Fortunately, the personnel of both the commercial air lines and the military services continue to render excellent aid in the enforcement of plant quarantine regulations intended to reduce the air movement of potentially dangerous plant materials to a minimum.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Air-borne plant material arrives in mail, baggage, express, stores, and freight, and interceptions of plant pests from such material have been frequent. During the year 3,324 interceptions were made of insects arriving by air with agricultural material or as stowaways. There were 172 interceptions of plant diseases. Approximately half the plant disease organisms were not determinable to species, but, from the evidence, appeared to represent little or no risk to this country. A few of the disease organisms specifically determined but not known to be in the

¹ Compiled by W. H. Wheeler, pathologist, Judith Hunt, scientific aid, and E. P. Reagan, entomologist, Division of Foreign Plant Quarantines.

United States are, however, reported to be parasites of their hosts in foreign countries. These totals for plant disease interceptions, while not large, serve to illustrate the disease-carrying possibilities of plant materials brought to this country by air transportation. Some of the most important insects intercepted during the year were taken from host fruits and plants arriving by plane. In fact, planes are becoming the most frequent source of interception of certain notoriously destructive pests, particularly fruit flies.

Among the more important insects found in air-borne material were: The citrus blackfly (*Aleurocanthus woglumi*) on breadfruit in baggage from Jamaica, on *Bryophyllum* sp. in baggage from Bermuda, and on lime leaf in baggage from Cuba; the whitefly *Aleurothrixus myrtacei* on gardenia in baggage from Cuba; *Aleurotrachelus trachoides* on leaf of bay-rum tree in baggage from the Bahamas; *Anastrepha fraterculus* in orange in baggage from Brazil, and *A. fraterculus* (?) in guava in baggage from Colombia; the Mexican fruit fly (*A. ludens*) in mango and orange in baggage from Guatemala and Mexico, and in orange in quarters from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in guava in baggage from Aruba and Puerto Rico, in *Ilex glabra* (gallberry) in baggage from Jamaica, in Malay-apple in baggage from the Dominican Republic, in mango in baggage from the Dominican Republic, Guatemala, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, and Trinidad, in mango in cargo from Jamaica, in rose-apple in baggage from Jamaica, and in yellow mombin in baggage from Cuba, Nicaragua, Puerto Rico, and Salvador; *A. serpentina* in mamey in baggage from Salvador, in sapodilla in baggage from Mexico, Nicaragua, and Venezuela, and *A. serpentina* (?) in sapodilla in baggage from Costa Rica and in mamey in baggage from Salvador; *A. striata* in guava in baggage from Costa Rica and Mexico; *A. suspensa* in guava in baggage from Puerto Rico, pupae and empty pupae cases of *A. suspensa* in soil in baggage from the Dominican Republic, and *A. suspensa* (?) in guava in baggage from Cuba; the Mediterranean fruit fly (*Ceratitis capitata*) in fig in baggage from Italy, Palestine, and Portugal, in grape in stores from Portugal, in mango in baggage from Italy and Portugal, in orange in cargo from Algeria, in peach in baggage from Italy, in peach in stores from Portugal, in peach in cargo from the Union of South Africa, in persimmon in baggage from Italy, in plum in stores from Portugal, in ponderosa lemon in baggage from Spain, in pricklypear in baggage from Italy, in quince in baggage from France, Greece, and Italy, in tangerine in baggage from Palestine and Portugal, in tangerine in quarters from Portugal, and in tangerine in stores from Italy, Portugal, and Spain, and *C. capitata* (?) in apple in baggage, origin unknown, in avocado in stores from Australia, in grape in cargo from the Union of South Africa, and in pear in stores from Portugal; *C. rosa* in peach in cargo from the Union of South Africa; *Cylas formicarius* var. in sweetpotato in cargo from Siam; the olive fruit fly (*Dacus oleae*) in olive in baggage from the Azores, Greece, Italy, Portugal, and Spain; the rhododendron whitefly (*Dialeurodes chittendeni*) on leaf of rhododendron in express from England; the West Indian sweetpotato weevil (*Euscepes postfasciatus*) in sweetpotato in baggage from Puerto Rico; the Argentine ant (*Iridomyrmex humilis*) on chrysanthemum in baggage and on plum in stores from Portugal, and in soil around unidentified bulbs and plants in baggage from the Azores; *Kaloterms marginipennis* in suitcase in baggage from Guatemala; East Indian bean pod borer (*Maruca testulalis*) in pigeonpea and string bean in baggage from Puerto Rico and in string bean in cargo from New Zealand; *Monomorium destructor* on *Cattleya* sp. in baggage from Jamaica; the pink bollworm (*Pectinophora gossypiella*) in gin motes in cargo from Brazil, in cottonseed in mail from Hawaii and in baggage from Venezuela; *Rhagoletis cerasi* in cherry in baggage from Czechoslovakia, France, Italy, and Switzerland, and in stores from Portugal.

The more important plant disease organisms found on air-borne material, not believed to be established in the United States, were *Ascochyta citri* on orange in baggage from Italy and the Azores, *A. decipiens* on snapdragon in baggage from England, *Cercospora angraeci* on odontoglossum orchid in express from France, *Coleosporium dahliae* on dahlia in baggage from Mexico, *Coniothyrium diplodiella* on rose in express from France, *Cytospora lirella* on bamboo in cargo from Mexico, *Elsinoe phaseoli* on lima bean in baggage and cargo from Puerto Rico, *Gloeosporium olivarum* on olive in baggage from Italy, *Phyllosticta cymbidii* on cymbidium orchid in baggage from Japan; *P. odontoglossi* on stanhopea orchids in baggage and cargo from Panama and Costa Rica, *Stagonospora ilicis* on English holly in baggage from England, *Uredo behnickiana* on laelia orchid in cargo from Mexico, and *U. scabies* on vanilla orchid in baggage from Nicaragua.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

Anastrepha fraterculus was intercepted in grapefruit from Brazil and in orange from Argentina and Brazil, and *A. fraterculus* (?) in guava from Colombia and in orange from Brazil and Colombia. The Mexican fruit fly (*A. ludens*) was taken in apple, avocado, grapefruit, mango, orange, peach, pear, quince, sapote, sweet lime, undetermined seed, white sapote, and on an open deck near garbage from Mexico, in grapefruit from British Honduras, and in mango and orange from Guatemala. *A. ludens* (?) was found in mango and in orange from Mexico. The West Indian fruit fly (*A. mombinpraeoptans*) was intercepted in guava from Aruba, Cuba, and Puerto Rico, in gallberry (*Ilex glabra*) and rose-apple from Jamaica, in Malay-apple from the Dominican Republic, in mango from the Bahamas, Cuba, the Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, and Trinidad, in *Spondias* sp. from Nicaragua, and in yellow mombin from Cuba, Nicaragua, Puerto Rico, and Salvador, and *A. mombinpraeoptans* (?) in guava from Puerto Rico, in mango from the Canal Zone, Honduras, Mexico, Puerto Rico, and Salvador, and in yellow mombin from Salvador. *A. serpentina* was taken in mamey from Mexico and Salvador, in sapote from Salvador, and in sapodilla from Guatemala, Honduras, Mexico, Nicaragua, and Venezuela, and *A. serpentina* (?) in mamey from Salvador, and in sapodilla from Costa Rica and Venezuela. *A. striata* was found in guava from Costa Rica, Honduras, and Mexico. *A. suspensa* was taken in guava from Cuba and Puerto Rico, and in soil from the Dominican Republic. The Mediterranean fruit fly (*Ceratitis capitata*) was intercepted in apple from Argentina and Italy, in apricot from Algeria (?), in fig from the Azores, Bermuda, Italy, Palestine, and Portugal, in grape from Argentina, Portugal, and the Union of South Africa, in grapefruit from Australia, Brazil, Egypt, and Italy, in loquat from Bermuda and Italy, in mango from Egypt and Hawaii, in orange from Algeria, Argentina, Australia, Brazil, Egypt, Gold Coast, Italy, Palestine, Portugal, Spain, and Syria, in peach from Italy, Morocco, Portugal, and the Union of South Africa, in plum from Portugal, in persimmon and prickly-pear from Italy, in ponderosa lemon from Spain, in pummelo and sweet bell red pepper from Hawaii, in quince from France, Greece, Italy, and Spain, and in tangerine from Algeria, Italy, Palestine, Portugal, and Spain, and *C. capitata* (?) in avocado from Australia and Hawaii, in grape from Argentina and the Union of South Africa, in orange from France, India, Italy (?), and Spain, in pear and plum from Portugal, and in sweet lime from the Azores, in tangerine from the Azores, Italy, and Portugal, and in tomato from Hawaii. *Ceratitis rosa* was found in peach from the Union of South Africa. The melon fly (*Dacus cucurbitae*) was found in cucumber, squash, string bean, sweet bell red pepper, and tomato from Hawaii. The oriental fruit fly (*Dacus dorsalis*) was intercepted in avocado, banana, guava, longan, mango, and papaya from Hawaii, and in mango from the Philippines; and *D. dorsalis* (?) in banana, immature green coconut, and mango from Hawaii. The olive fruit fly (*Dacus oleae*) was taken in olive from the Azores, Greece, Italy, and Portugal. The celery fly (*Euleia heraclei*) was found in celery from England and Ireland, in celeriac from Denmark, and in parsley from France. *Rhagoletis alternata* was intercepted in hips of *Rosa canina* from Sweden. *R. cerasi* was taken in cherry from Czechoslovakia, France, Italy, Portugal, and Switzerland. The apple maggot (*R. pomonella*) was intercepted in apple from Mexico, and *R. pomonella* (?) in apple and thornapple from Mexico. *R. striatella* (?) was taken in husk tomato from Mexico.

INSECTS OTHER THAN FRUIT FLIES

An eriophyid mite, *Aceria tulipae*, was taken on garlic from Mexico. The citrus blackfly (*Aleurocanthus woglumi*) was intercepted on breadfruit leaf from Jamaica, on leaf of *Bryophyllum* sp. from Bermuda, on leaves of *Citrus* sp., orange, and sour lime from Mexico, and leaf of sour lime from Cuba. *Aleurothrixus myrtacei* (Aleyrodidae) was found on gardenia in baggage from Cuba. A curculionid, *Brachyrhinus porcatus*, was taken on turnip from Norway, and *B. sulcatus* (black vine weevil) was intercepted in dahlia tuber from Canada. Two curculionids, *Brachycerus albidentatus* and *B. algirus*, were taken in garlic from Italy. *Bruchidius incarnatus* (Bruchidae), a serious pest, was taken in vetch from Italy. A chrysomelid, *Cassida nebulosa*, recorded as a pest of beets, lambsquarters, and related plants, was taken with moss and forest litter around rhododendron shrubs from the Netherlands. The Asiatic rice borer (*Chilo simplex*) was intercepted in rice straw from China and in service mail arriving at San Francisco,

Calif. *Coptotermes formosanus* (a very injurious termite) was taken with water-nuts from China. The banana root borer (*Cosmopolites sordidus*) was found in banana root from Guatemala. *Cylas formicarius* was intercepted in sweet-potato from the Philippines and the Straits Settlements; and *C. puncticollis* in sweetpotato from Mozambique and Sierra Leone. *Epicaerus cognatus* (Curculionidae) was found in potato and in *Solanum* sp. (wild) from Mexico. The oriental fruit moth (*Grapholitha molesta*) was taken in apple from Japan, in apricot from Italy, and in peach from unknown origin. *Monomorium destructor*, an important economic ant, probably capable of becoming established in the warmer sections of the United States, was intercepted on *Cattleya* sp. plant from Jamaica. The pink bollworm (*Pectinophora gossypiella*) was intercepted in cottonseed from Brazil, British West Indies, Hawaii, Italy, Mexico, St. Kitts, and Venezuela, in cotton boll from Hawaii and Italy, in gin motes from Brazil, in seed cotton from Egypt, and in okra from Cyprus, Dominican Republic, and Puerto Rico. A chrysomelid, *Phyllotreta undulata*, a European species not known to be established in the United States, was found on shrubs from the Netherlands. *Premnotrypes vorax* (Curculionidae) was taken in potato from Ecuador.

SNAILS

Salvaged military equipment was on four occasions found to be contaminated with living giant African snails (*Achatina fulica*). Two of the interceptions were made at San Francisco, Calif., on material from Guam and the Marianas, and two at San Pedro, Calif., on material from the Marianas.

Other interceptions of snails, not known to occur on the mainland of the United States and injurious to agriculture, included *Bradybaena similaris* which was found at Philadelphia, Pa., among string beans from Bermuda, and *Lemellaxis* sp. which was taken at San Diego, Calif., in soil around a potted plant from Algeria.

Correction.—On page 22 of the List of Intercepted Plant Pests for 1947 is found the name *Gnaphalocrocis medinalis* (Guen.), which should have been spelled *Cnaphalocrocis medinalis* and thus would correctly appear on page 15.

NOTES ON DISEASES INTERCEPTED

With reduction in maritime traffic between this country and India and Ceylon, following the end of the recent world conflict, interceptions of citrus canker (*Xanthomonas citri*) have fallen off. In spite of this, India, for the third year, contributed the largest number of interceptions of the disease. The Philippines followed in second place. A disease interception of considerable significance to a well-known material of commerce was a rust, *Uredo scabies*, of the vanilla orchid brought in by an air traveler from Nicaragua. The vanilla cuttings, collected in the wilds of that country, were intended for direct movement from the United States port of entry to Puerto Rico where they were expected to contribute to the vanilla industry of that island. The interception of the rust represents the first record of its occurrence north of South America. A second disease representing a threat to the citrus groves of this country, the sweet orange scab (*Elsinoe australis*), was taken five times on lemon from Argentina, Brazil, and Paraguay, seven times on sweet orange from Argentina and Brazil, and once on an unidentified citrus fruit from Brazil. A second rust of interest, *Coleosporium senecionis*, was intercepted from Argentina on the composite plant *Senecio deferens*. Pines are the alternate hosts of this pathogen and in some parts of the world suffer serious injury from its attack.

Other diseases worthy of note were a stem fungus, *Ascochyta decipiens*, of snap-dragon from England; a leaf-infecting fungus, *A. fraxini*, of ash from Italy; the banana leaf spot (*Cercospora musae*) from various countries where it is known; a rust fungus, *Coleosporium dahliae*, of dahlia from Mexico; the black scale fungus (*Colletotrichum lilii*) of various species of lily bulbs from Australia, China, India, and Japan; a virulent wound parasite, *Cryptospora longispora*, of pine from New Zealand; the lima bean scab fungus (*Elsinoe phaseoli*) from Puerto Rico; the spot anthracnose fungus (*Elsinoe piri*) on pear from the Union of Soviet Socialist Republics; a fruit-rotting fungus, *Helminthosporium carposaprum*, of pepper and tomatoes from Mexico; a leaf-rotting fungus, *Heteropatella vattellinensis*, of carnation from Canada; a brown rot fungus, *Monilinia fructigena*, of apple from Sweden; a leaf blight fungus, *Mycosphaerella hondai*, of rice from China and Japan; citrus black spot (*Phoma citricarpa*) from Australia, China, India, Spain, and the Union of South Africa, on various citrus fruits including lemon, grapefruit, mandarin orange, and sweet orange; a stem canker fungus, *Phomopsis magnoliae*, on magnolia from the Netherlands; a leaf fungus, *Phyllachora balansae*, on *Cedrela* sp.

from Panama; a leaf fungus, *Phyllachora cynodontis*, of Bermuda grass from India; a branch knot-forming fungus, *Plowrightia virgultorum*, on European white birch from Sweden; a rust fungus, *Puccinia longicornis*, on bamboo from China; a twig fungus, *Sclerotinia kernerii*, on silver fir from Germany; a leaf spot fungus, *Septoria arethusa*, on lemon from Argentina; a leaf blotch fungus, *Septoria cercosporiodes*, on chrysanthemum from Mexico; a leaf blotch fungus, *Septoria posekensis*, on cymbidium and cypripedium orchids from India; the Australian citrus scab fungus (*Sphaceloma fawcettii scabiosa*) on lemon from Australia; a smut fungus, *Sphacelotheca trachypogonis*, of crinkleawn grass from Brazil; a rust fungus, *Sphenospora kevorkianii*, on stanhopea orchid from Ecuador; a rust fungus, *Thecopsora areolata*, on the European birdcherry from Finland; a rust fungus, *Uredo ignava*, on bamboo from China, and an unknown source; a rust fungus, *Uromyces bacumerlianus*, on sweet clover from Egypt; and a smut fungus, *Ustilago kenjiana*, on sorghum from Arabia.

Nematodes of interest for the year were *Aphelenchoides bicaudatus* in dasheen tubers from Cyprus; *A. parietinus* in lily bulb from England; *A. ritzemabosi* in garlic from Mexico; *A. subtenuis* in narcissus bulb from the Netherlands; *Ditylenchus dipsaci* in garlic from Mexico, colchicum from the Netherlands, narcissus from England, and Star-of-Bethlehem from the Netherlands; *D. iridis* in colchicum, crocus, iris, and tigridia from the Netherlands, and in iris from England; and *Pratylenchus scribneri* in potato tubers from Mexico.

Of the 1,157 species of pathogens or other organisms listed in the table, 60 were new to the interception files. Interceptions of the other 1,097 pathogens showed 117 new countries of origin and 102 new hosts.

COMMON PESTS INTERCEPTED

Beginning with the year covered by this report the keeping of records on the various insects and plant diseases reported under this heading has been discontinued. Those insects and diseases were, in nearly all instances, widely distributed in the regions in this country favorable to their existence, and in many cases the interception records compiled through the years showed the same pests to be of almost universal occurrence in countries from which certain plants and plant products come to this country. The discontinuance of the records on these common pests considerably reduces the total number of pests reported in the list, but it is believed this compilation will be of even more use in its present form.

INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects or pathogens affecting plant material in such a stage or condition that complete and accurate determination is impracticable or impossible. Some of these insects and pathogens are without doubt new to science, and may be destructive pests. The notes below are given to show the general nature of such incompletely determined interceptions.

INSECTS

Among the incompletely determined insects intercepted were the following fruit flies: *Anastrepha* sp., probably *fraterculus*, at New York, N. Y., in grapefruit in stores from Brazil, at Baltimore, Md., in orange in quarters and stores from Brazil, at Mobile, Ala., in baggage from Brazil, at New York in stores from Brazil, at Miami, Fla., in coffee berries in baggage from Colombia, and at the National Airport, Arlington, Va., in guava in baggage from Peru; *Anastrepha* sp., probably *mombinpraeoptans*, at New York in guava in baggage from Puerto Rico, at New Orleans, La., in mango in baggage from Guatemala, at Galveston, Tex., in mango in quarters from Guatemala, at Brownsville, Tex., in mango in express from Salvador, and at El Paso, Tex., in mango in baggage from Salvador; *Anastrepha* sp., probably *serpentina*, at New Orleans, La., in sapodilla in baggage from Venezuela; *Anastrepha* sp., possibly *striata*, at Laredo, Tex., in guava in baggage from Mexico; *Anastrepha* sp., probably *suspensa*, at Miami, Fla., in guava in baggage from Puerto Rico, and at New York in paper wrapping of guavas, cashew, and gooseberries in stores from the Dominican Republic; *Anastrepha* sp. at New Orleans, La., in sapodilla in baggage from Costa Rica and in almond and orange in quarters from Guatemala, at New York in sapodilla in baggage from Puerto Rico, in grapefruit and orange in stores and in peach and guava in baggage from Brazil, in mango in baggage from Dutch Guiana and Guatemala, in *Spondias* sp. in baggage from Trinidad, in guava in baggage and mail from Puerto Rico and in guava in baggage from Venezuela, at San Antonio,

Tex., in mango in baggage from Guatemala, at Charleston, S. C., in guava in baggage from Dutch Guiana, at Brownsville, Tex., mango and quince in baggage from Mexico, at Miami, Fla., in genip and quince in baggage from Peru and in mango in baggage from Colombia and Jamaica, at the National Airport, Arlington, Va., in orange in baggage from Brazil, at San Juan, P. R., in orange in baggage from Brazil, at Seattle, Wash., in mango in stores from Peru, at Boston, Mass., in orange in stores from Brazil, at El Paso, Tex., in mango and guava in baggage from Mexico and in guava in baggage from Salvador, at Baltimore, Md., in orange in stores and in plum in quarters from Brazil and in grapefruit in stores from Trinidad, at Mobile, Ala., in orange in baggage from Brazil, at Galveston, Tex., in orange in stores and quarters from Brazil, at Philadelphia, Pa., in pummelo in stores from Brazil and in grapefruit in stores from Argentina; probably *Anastrepha* sp. at Norfolk, Va., in orange in stores from Argentina, and a pupa of *Anastrepha* sp. in a bag of fruit from British Honduras; *Ceratitis* sp. at New York in orange in stores, and in grape in cargo from the Union of South Africa; *Ceratitis* sp. (?) at New York in apple in stores from the Union of South Africa; *Dacus* sp. at New York in cucumber in stores from the Union of South Africa; *Dacus* sp. (?) at Honolulu, T. H., in fruit of *Ficus* sp. in baggage from the Philippines and in mango in baggage from India; *Rhagoletis* sp. at Hidalgo, Tex., in black walnut in baggage, at El Paso, Tex., in *Lycium berlandieri* and *Lycium* sp. in baggage from Mexico; *Rhagoletis* sp. (?) at Washington, D. C., in fruit of *Solanum* sp. in mail from Mexico. Eight interceptions which could not be identified beyond family (Tephritidae) were taken at Boston, Mass., in coconut in baggage from Liberia, at El Paso, Tex., in *Lycium* sp. in baggage from Mexico, at San Pedro, Calif., in coffee berry in baggage from Hawaii, and at New York in orange in stores from Brazil and in grape in cargo from Argentina.

The following miscellaneous insects of special interest were intercepted: *Aleurocanthus* sp. (Aleyrodidae), apparently undescribed, on bamboo leaf in stores from India or China; Aleurodicinae (Aleyrodidae), new genus and new species, near *Aleurodicus*, at Laredo, Tex., on *Laelia majalis* and *Laelia* sp. from Mexico; *Aleuroplatus* sp., near *variegatus* Q. & B., (Aleyrodidae) at San Francisco, Calif., on *Philodendron* sp. in air express from Guatemala; *Aleurotrachelus* sp. (Aleyrodidae), apparently undescribed, at Miami, Fla., on *Anthurium* sp. leaf in cargo from Colombia; *Aximogastra* (new) sp. (Eurytomidae) at Laredo, Tex., on orchid and philodendron in cargo from Mexico; probably an undescribed coccid, *Conchaspis* sp., at Hoboken, N. J., on *Xylobium* sp. (orchid) in mail from the Canal Zone; two curculionids, *Conotrachelus* sp., near *carinifer* Csy., and *Conotrachelus* sp., near *naso* Lec., at Brownsville, Tex., on *Laelia* sp. in cargo from Mexico; *Hololepta* sp. (Histeridae), not native to the United States, at Brownsville, Tex., on *Laelia majalis* in cargo from Mexico; *Leptispa* sp., probably *godwini* Baly (Chrysomelidae), probably capable of becoming a pest in this country if it could establish itself on a suitable host, at New York on bamboo in stores from India or China; *Meibomeus* sp. (Bruchidae), probably new species, at Washington, D. C., in *Desmodium* sp. in mail from Argentina; *Parallelodiplosis* sp. (Itonididae) at Brownsville, Tex., on orchid plant in cargo from Salvador; probably an undescribed species of *Stephanoderes* sp. (Scolytidae) at Nogales, Ariz., in *Acacia cochliacantha* in baggage from Mexico; an interesting and rare mite, *Zercon* sp., at Hoboken, N. J., on magnolia branch in cargo from the Netherlands.

There were 3,559 interceptions distributed among 852 genera, which could be identified to genus only. A total of 111 could be determined to family only.

A total of 3,670 incompletely determined insects were intercepted during the year.

DISEASES

Among the incompletely determined plant disease organisms collected from incoming material during the year were *Cercospora* sp. on euonymus from Japan; *Cercospora* sp. on avocado from Mexico; *Curvularia* sp. on onion from Mexico; *Cytospora* sp. on camellia from Australia; *Cylindrosporium* sp. on rose from the Netherlands; *Gnomonia* sp. on willow from England; *Graphiola* sp. on palm from the Fiji Islands; *Helminthosporium* sp. on rice from China, and Japan; *Helminthosporium* sp. on rye from India; "Leprosis" on sweet orange from Mexico; *Pestalotia* sp. on sorghum from Liberia; *Ozonium* sp. on licorice stem from Turkey; *Phoma* sp. on sweet orange from Brazil; *Phoma* sp. on apple from Greece; *Phyllachora* sp. on grass from China; *Phyllosticta* sp. on lily bulb from Australia; *Phyllosticta* sp. on narcissus from Ireland; *Phyllosticta* sp. on avocado from Mexico; *Septoria* sp. on anthurium from Belgium; *Sphaeropsis* sp. on lemon from Italy, and *Sphenospōra* sp. on *Odontoglossum cervantes* (orchid) from Mexico.

Nematode interceptions of interest were *Aphelenchoides* sp. in lily bulbs from Mexico and the Netherlands; *Aphelenchoides* sp. in potato tuber from Mexico; *Aphelenchoides* sp. in roots of unidentified vine growing on war equipment returned from Okinawa; *Aphelenchus* sp. in garlic and onion from Mexico; *Metaphelenchus* sp. in potato tuber from Mexico; *Pratylenchus* sp. and *Tylenchus* sp. in dasheen tuber from Cyprus; *Tylenchus* sp. in soil with orchid from British Guiana; and *Tylenchus* sp. in potato from France.

A total of 285 incompletely determined pathogens were recorded during the year.

Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Union of Soviet Socialist Republics	0	3
Algeria	3	0	Wales	1	0
Anglo-Egyptian Sudan	1	0	North America:		
Belgian Congo	1	0	Bermuda	9	7
Cameroons	2	0	Canada	9	5
Canary Islands	0	1	British Columbia	0	1
East Africa	1	0	Central America	2	0
Egypt	9	2	British Honduras	6	0
French Equatorial Africa	2	0	Canal Zone	46	4
French West Africa	1	0	Costa Rica	96	43
Gold Coast	5	0	Guatemala	56	46
Liberia	0	1	Honduras	17	7
Morocco	3	3	Nicaragua	12	5
Mozambique	1	0	Panama	17	10
Pretoria	0	1	Salvador	28	0
Sierra Leone	4	0	Mexico	1,273	172
Tunisia	0	2	West Indies	1	0
Union of South Africa	12	3	Aruba	1	0
Asia:			Bahamas	17	0
Arabia	0	1	Barbados	6	0
China	13	64	British West Indies	4	0
Cyprus	3	1	Cuba	44	17
Formosa	1	0	Curacao	2	0
India	33	37	Dominica	1	2
Iran	1	0	Dominican Republic	10	7
Iraq	1	0	Haiti	7	1
Japan	59	27	Jamaica	31	0
Korea	1	0	Leeward Islands	2	0
Lebanon	3	0	Martinique	1	0
Malaysia	1	1	Montserrat	1	0
Palestine	7	0	Puerto Rico	226	4
Siam	3	0	St. Kitts	2	0
Straits Settlements	2	0	St. Lucia	0	1
Syria	1	0	St. Vincent	2	0
Australasia:			Trinidad	15	2
Australia	13	10	Virgin Islands	9	0
Guam	14	1	South America:		
Hawaii	137	1	Argentina	78	10
Marianas	4	0	Brazil	77	16
New Zealand	1	6	British Guiana	8	0
Okinawa	0	2	Chile	4	1
Philippines	48	3	Colombia	69	3
Saipan	1	0	Ecuador	4	7
South Pacific	1	0	French Guiana	1	1
Tahiti	5	0	Netherlands Guiana	2	2
Europe:			Paraguay	0	1
Azores	9	5	Peru	7	1
Belgium	19	20	Venezuela	136	2
Czechoslovakia	2	0	Total:		
Denmark	4	0	Africa	45	13
England	58	13	Asia	129	131
Finland	2	2	Australasia	224	23
France	32	9	Europe	573	611
Germany	19	2	North America	1,953	334
Greece	3	2	South America	386	44
Hungary	2	0	Unknown	21	1
Ireland	5	2	Total	3,331	1,157
Italy	257	18	Total incompletely determined pests, pp. 6, 7)	3,670	285
Netherlands	79	521	Total insect interceptions	7,001	
North Ireland	1	0	Total disease interceptions		1,432
Norway	4	1	Grand total		8,432
Poland	1	0			
Portugal	45	7			
Scotland	1	0			
Spain	10	3			
Sweden	13	3			
Switzerland	4	0			
Turkey	2	0			

NOTE.—In addition to the countries named above, interceptions were made from Antigua, Austria, Batavia, Bikini Island, Ceylon, Christmas Island, Fiji Islands, Gibraltar, Java, Kwajalein Island, Madagascar, Madeira Islands, Manu Island, Midway Island, Nova Scotia, Solomon Islands, Spanish Morocco, Surinam, Tasmania, Transvaal, Uruguay, West Africa, and Yugoslavia.

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		Consump- tion	Nonentry	Propaga- tion	
<i>Acalypta mera</i> Drake (Tingidae):					
<i>Primula</i> sp.	Canada			1	Wash.
<i>Acalypta musci</i> (Schrank) (Tingidae):					
<i>Crataegus</i> sp.	Germany			1	N. J.
<i>Acalypta nyctalis</i> Drake (Tingidae):					
<i>Dryopteris</i> sp. (fern)	Canada	1			Mass.
<i>Acalypta platychila</i> (Fieb.) (Tingidae):					
<i>Lavandula</i> sp.	England			1	N. J.
<i>Acanthoderes circumflexa</i> Duv. (Cerambycidae):					
Wooden slats	Mexico	1			Tex.
<i>Acanthoscelides armitagei</i> (Pic.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)	Canal Zone, St. Vincent	3			Ala., N. Y.
<i>Phaseolus</i> sp. (bean)	Argentina			1	D. C.
<i>Acanthoscelides quadridentatus</i> (Schaeff.) (Bru- chidae):					
<i>Rosa</i> sp.	Mexico	1			Tex.
<i>Aceria tulipae</i> (Keif.) (Eriophyidae):					
<i>Allium sativum</i> (garlic)	do	1			Ariz.
<i>Achatina fulica</i> (Fer.) (Mollusca):					
Returned military equipment	Guam, Marianas	4			Calif.*
<i>Acroleucus vicinalis</i> Dist. (Lygaeidae):					
<i>Laelia</i> sp. (orchid)	do			1	Tex.
Orchid	do			6	Tex.
<i>Acrolophus superstes</i> Wlsm. (Acrolophidae):					
Orchid	Mexico			1	Tex.
<i>Agroiconota propinqua</i> (Boh.) (Chrysomelidae):					
Bean	do	1			Ariz.
<i>Agromyza virens</i> Loew (Agromyzidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	do	7			Ariz.
<i>Alcaeorrhynchus grandis</i> (Dallas) (Pentatomi- dae):					
Orchid	do			1	Tex.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Artocarpus altilis</i> (breadfruit)	Jamaica	1			Fla.*
<i>Bryophyllum</i> sp.	Bermuda			1	Mass.
<i>Citrus aurantifolia</i> (sour lime)	Cuba, Mexico	12			Ariz., Calif., Fla.,* Tex.
<i>Citrus sinensis</i> (orange)	Mexico	3			Ariz., Tex.
<i>Citrus</i> sp.	do	3			Ariz., Tex.
<i>Gardenia augusta</i> (gardenia)	do			1	Ariz.
<i>Aleuroglandulus emmae</i> Russell (Aleyrodidae):					
<i>Persea americana drymifolia</i> (?)	do	1			Ariz.
<i>Aleuroparadoxus gardeniae</i> Russell (Aleyro- didae):					
<i>Gardenia augusta</i> (gardenia)	do	1			Ariz.
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
<i>Citrus</i> sp.	Puerto Rico	1			Fla.*
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia)	Cuba	1			Fla.*
<i>Aleurotrachelus citri</i> Priesner & Hosny (Aley- rodidae):					
<i>Citrus sinensis</i> (orange)	Palestine		1		Calif.*
<i>Aleurotrachelus trachoides</i> (Back) (Aleyrodidae):					
<i>Pimenta racemosa</i> (bay-rum tree)	Bahamas			1	Fla.
<i>Aleurotuberculatus aucubae</i> (Kuwana) (Aleyrodi- dae):					
<i>Citrus</i> sp.	Japan			1	Wash.
Plant	do			1	Wash.
<i>Algarobius prosopis</i> (Lec.) (Bruchidae):					
<i>Prosopis</i> sp. (mesquite)	Mexico	1			Tex.
<i>Allantus cinctus</i> (L.) (Tenthredinidae):					
<i>Kerria japonica</i> (kerria)	Netherlands			1	N. J.
<i>Rosa multiflora</i> (Japanese rose)	do			2	N. Y.
<i>Rosa</i> sp. (rose)	England, Netherlands	1		1	N. J., N. Y.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	20			Tex.
Orchid	do			1	Tex.
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Chrysanthemum</i> sp.	do	1			Tex.

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<i>Amphicerus cornutus</i> (Pallas) (Bostrichidae):					
Bamboo	do	1			Mass.
<i>Spondias</i> sp. (?)	Venezuela	2			N. Y.
Wood	Mexico	3			Ariz.
<i>Amyssonotum rastratum flexum</i> McA. & Mall. (Pentatomidae):					
<i>Cattleya</i> sp. (orchid)	Canal Zone			1	Tex.
Wooden slat	Mexico	1			Tex.
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit)	Brazil		1		N. Y.
<i>Citrus sinensis</i> (orange)	Argentina, Brazil	1	1		Ala., La.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange)	Brazil, Colombia		2		Ala., La.
<i>Psidium guajava</i> (guava)	Colombia	1			Fla.*
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Casimiroa edulis</i> (white sapote)	Mexico	1			Tex.
<i>Citrus aurantifolia</i> (sweet lime)	do	10			Tex.
<i>Citrus paradisi</i> (grapefruit)	British Honduras, Mexico.	14	3		Tex.
<i>Citrus sinensis</i> (orange)	Guatemala, Mexico, Unknown.	91	20		Ill., La., N. Y., Tex.
<i>Cydonia oblonga</i> (quince)	Mexico	1			Tex.
<i>Malus sylvestris</i> (apple)	do	4			Tex.
<i>Mangifera indica</i> (mango)	Guatemala, Mexico	38	3		Ariz., Calif., La., Tex.*
<i>Persea americana</i> (avocado)	Mexico	4			Tex.
<i>Prunus persica</i> (peach)	do	1			Tex.
<i>Pyrus communis</i> (pear)	do	7			Tex.
Sapote	do		1		Tex.
Seed	do	1			Tex.
On open deck near garbage	do		1		Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange)	do	1	1		Tex.
<i>Mangifera indica</i> (mango)	do	2			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Eugenia jambos</i> (rose-apple)	Jamaica	1			Fla.*
<i>Eugenia malaccensis</i> (Malay-apple)	Dominican Republic	1			P. R.
<i>Ilex glabra</i> (gallberry)	Jamaica	1			Fla.*
<i>Mangifera indica</i> (mango)	Bahamas, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, and Trinidad.	156	8		Calif.,* Fla.,* La., N. Y., Md., Pa., P. R., Tex., Va.
<i>Psidium guajava</i> (guava)	Aruba, Cuba, Puerto Rico.	29	1		Fla.,* N. Y., Pa., S. C., Va.
<i>Spondias mombin</i> (yellow mombin)	Cuba, Nicaragua, Puerto Rico, Salvador.	9			Calif.,* Fla., La., N. Y., Pa., Tex.
<i>Spondias</i> sp. (mombin)	Nicaragua	1			La.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Mangifera indica</i> (mango)	Canal Zone, Honduras, Mexico, Puerto Rico, Salvador.	8			Ala., Calif. La., N. Y., Tex.
<i>Psidium guajava</i> (guava)	Puerto Rico	1			N. Y.
<i>Spondias mombin</i> (jobo)	Salvador	1			Tex.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Guatemala, Honduras, Mexico, Nicaragua, Venezuela.	6	1		Calif.,* La., N. Y.
<i>Calocarpum sapota</i> (sapote)	Salvador	1			La.
<i>Mammea americana</i> (mamey)	Mexico, Salvador	4			Tex.
<i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Costa Rica, Venezuela	4			La.
<i>Calocarpum sapota</i> (sapote)	Unknown	1			N. Y.
<i>Mammea americana</i> (mamey)	Salvador	1			Tex.
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Psidium guajava</i> (guava)	Costa Rica, Honduras, Mexico.	3	1		Ariz., La.

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<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava)-----	Cuba, Puerto Rico-----	16	-----	-----	Fla.*, N. Y.
Soil-----	Dominican Republic-----	1	-----	-----	P. R.
<i>Ancylostomia stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)-----	Panama, Puerto Rico-----	2	-----	-----	N. Y.
<i>Anelaphus truncatus</i> (Hald.) (Cerambycidae):					
<i>Lycopersicon esculentum</i> (tomato)-----	Mexico-----	1	-----	-----	Tex.
<i>Anthonomus alboblineatus</i> Champ. (Curculionidae):					
Orchid-----	do-----	-----	-----	4	Tex.
<i>Anthonomus baridioides</i> Champ. (Curculionidae):					
Orchid-----	do-----	-----	-----	1	Tex.
<i>Antonina graminis</i> (Mask.) (Coccidae):					
Gramineae-----	Guam-----	1	-----	-----	Calif.*
<i>Anuraphis helichrysi</i> (Kltb.) (Aphidae):					
<i>Chrysanthemum</i> sp-----	England-----	-----	-----	3	N. J., Wash.
<i>Dianthus</i> sp. (carnation)-----	Mexico-----	1	-----	-----	Tex.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)-----	Straits Settlement-----	-----	1	-----	Wash.
<i>Jasminum sambac</i> (Arabian jasmine)-----	Mexico-----	1	-----	-----	Tex.
<i>Jasminum</i> sp. (jasmine)-----	do-----	2	-----	-----	Tex.
<i>Rosa</i> sp. (rose)-----	do-----	1	-----	-----	Tex.
<i>Syringa</i> sp-----	do-----	1	-----	-----	Tex.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Carica papaya</i> (papaya)-----	Hawaii-----	-----	1	-----	Wash.
<i>Cocos nucifera</i> (coconut)-----	Philippines-----	4	3	-----	Calif.*
Cutting-----	Hawaii-----	-----	-----	1	Calif.*
<i>Aphis medicaginis</i> Koch (Aphidae):					
<i>Chrysanthemum</i> sp-----	Portugal-----	1	-----	-----	Mass.
<i>Apion carduorum</i> Kirby (Curculionidae):					
<i>Cynara cardunculus</i> (cardoon)-----	Italy-----	-----	-----	1	N. Y.
<i>Apion cracca</i> (L.) (Curculionidae):					
<i>Vicia</i> sp. (vetch)-----	France-----	1	-----	-----	N. Y.
<i>Apion flavipes</i> Payk. (Curculionidae):					
<i>Crataegus</i> sp. with woods moss-----	Germany-----	-----	-----	1	N. J.
Moss and forest litter around rhododendron-----	Netherlands-----	-----	-----	1	N. J.
<i>Apion godmani</i> Wgnr. (Curculionidae):					
<i>Phaseolus vulgaris</i> var. (string bean)-----	Mexico-----	1	-----	-----	Ariz.
<i>Apion pomonae</i> (F.) (Curculionidae):					
<i>Vicia</i> sp. (vetch)-----	France-----	2	-----	-----	N. Y.
<i>Arvelius albopunctatus</i> (Deg.) (Pentatomidae):					
<i>Lycopersicon esculentum</i> (tomato)-----	Mexico-----	3	-----	-----	Tex.
<i>Aspidiotus coryphae</i> Ckll. & Rob. (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Philippines-----	2	1	-----	Calif.*
<i>Aspidiotus cryptomeriae</i> Kuw. (Coccidae):					
<i>Cryptomeria</i> sp-----	Japan-----	-----	-----	1	Wash.
<i>Aspidiotus degeneratus</i> (Leon.) (Coccidae):					
<i>Camellia</i> sp-----	do-----	-----	-----	3	Wash.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Annona</i> sp-----	Puerto Rico-----	1	-----	-----	N. Y.
<i>Cocos nucifera</i> (coconut)-----	Colombia, Costa Rica, Guam, Mexico, Phil- ippines, Salvador, Trinidad.	2	8	-----	Calif.*, Tex.
Leaf-----	Jamaica-----	-----	1	-----	Fla.*
<i>Livistona chinensis</i> (Chinese fan palm)-----	Bahamas-----	1	-----	-----	N. Y.
<i>Musa paradisiaca</i> (plantain)-----	Puerto Rico-----	1	-----	-----	N. Y.
<i>Musa paradisiaca sapientum</i> (banana)-----	Costa Rica, Guatemala, Hawaii, Mexico, Pan- ama.	32	-----	-----	Calif.*
Palmaceae-----	China-----	-----	-----	1	Calif.*
Palm-----	Cuba-----	-----	1	-----	Tex.
<i>Persea americana</i> (avocado)-----	Canal Zone-----	-----	-----	1	Tex.
<i>Spondias cytherea</i> (vi-apple)-----	Puerto Rico-----	1	-----	-----	N. Y.
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Cydonia</i> sp-----	Japan-----	-----	-----	1	Calif.*
<i>Plumeria</i> sp-----	Mexico-----	-----	-----	1	Tex.
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Citrus sinensis</i> (orange)-----	Philippines-----	-----	1	-----	Calif.*
<i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae):					
<i>Plumeria</i> sp-----	Canal Zone-----	1	-----	-----	Fla.*
<i>Spondias mombin</i> (jobo)-----	Puerto Rico-----	1	-----	-----	Fla.*

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<i>Aspidiotus palmarum</i> (Ckll.) (Coccidae):					
<i>Citrus sinensis</i> (orange)-----	Costa Rica-----		1		Calif.*
<i>Musa paradisiaca sapientum</i> (banana)-----	Costa Rica, Guatemala, Panama-----	10			Calif.*
<i>Philodendron</i> sp-----	Guatemala-----			1	Calif.*
<i>Aspidiotus spinosus</i> (Comst.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Guam-----	1			Calif.*
<i>Mammea americana</i> (mamey)-----	Jamaica-----		1		Fla.*
<i>Musa paradisiaca sapientum</i> (banana)-----	Nicaragua-----	1			Calif.*
<i>Persea americana</i> (avocado)-----	Hawaii-----		1		Calif.*
<i>Aspidiotus subchortinus</i> Laing (Coccidae):					
<i>Anonopus compressus</i> (carpet grass)-----	Bermuda-----	1			Ariz.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo-----	Unknown-----		1		N. Y.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Cattleya granulosa</i> (orchid)-----	Brazil-----			1	Calif.*
<i>Cattleya</i> sp-----	Brazil, Venezuela-----			3	Calif.* N. J.
<i>Epidendrum</i> sp. (orchid)-----	Canal Zone-----			1	Fla.
<i>Laelia</i> sp. (orchid)-----	Brazil-----			1	N. J.
Orchid-----	do-----			1	P. R.
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Achras zapota</i> (sapodilla)-----	Bahamas-----	1			N. Y.
<i>Codiaeum</i> sp. (croton)-----	Mexico-----			1	Tex.
<i>Morus</i> sp. (mulberry)-----	Bahamas-----			2	Fla., Tex.
Orchid-----	British Guiana-----			1	N. J.
Plant-----	Guam-----	1			Calif.*
<i>Attelabus corvinus</i> Gyll. (Curculionidae):					
Orchid-----	Mexico-----			2	Tex.
<i>Aulacaspis cinnamomi</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)-----	Venezuela-----	1			N. Y.
<i>Autoserica castanea</i> (Arr.) (Scarabaeidae):					
<i>Cattleya</i> sp. (orchid)-----	Colombia-----			1	N. J.
<i>Barathra brassicae</i> (L.) (Phalaenidae):					
<i>Apium graveolens</i> (celery)-----	Netherlands-----		1		Tex.
<i>Brassica</i> sp. (mustard)-----	Italy-----	1			Ill.
<i>Barypeithes pellucidus</i> (Boh.) (Curculionidae):					
<i>Rhododendron</i> sp-----	Netherlands-----			1	Wash.
<i>Bembecia marginata</i> (Harris) (Aegeriidae):					
<i>Rubus</i> sp. (raspberry)-----	Canada-----			1	Mass.
<i>Berecynthus delirator</i> (F.) (Pentatomidae):					
Orchid-----	Mexico-----			1	Tex.
<i>Boroxylon stephegynis</i> Hopk. (Scolytidae):					
Log-----	Philippines-----	1			Va.
<i>Bostrychoplites cornutus</i> (Oliv.) (Bostrichidae):					
<i>Poga oleosa</i> (?) ("nagallion")-----	Cameroons-----	1			N. Y.
<i>Brachyacma palpigera</i> (Wlsm.) (Gelechiidae):					
Legume pod-----	Barbados-----	1			Fla.*
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)-----	Italy-----	2			N. Y.
<i>Brachycerus algericus</i> (F.) (Curculionidae):					
<i>Allium sativum</i> (garlic)-----	do-----	2			N. Y.
<i>Brachyrhinus porcatus</i> (Hbst.) (Curculionidae):					
<i>Brassica rapa</i> (turnip)-----	Norway-----		1		N. Y.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae):					
<i>Dahlia</i> sp-----	Canada-----			1	N. J.
<i>Bradybaena similis</i> (Fer.) (Mollusca):					
<i>Phaseolus vulgaris</i> var. (string bean)-----	Bermuda-----		1		Pa.
<i>Brentus anchorago</i> L. (Brentidae):					
<i>Spondias</i> sp. (?)-----	Venezuela-----	1			N. Y.
<i>Bruchidius gilvus</i> (Gyll.) (Bruchidae):					
<i>Hedysarum</i> sp-----	Italy-----			1	N. Y.
<i>Bruchidius incarnatus</i> (Boh.) (Bruchidae):					
<i>Vicia sativa</i> (vetch)-----	do-----			1	D. C.
<i>Bruchus brachialis</i> (Fahr.) (Bruchidae):					
<i>Vicia villosa</i> (hairy vetch)-----	Poland-----			1	N. Y.
<i>Vicia</i> sp-----	Greece-----	1			Fla.*
<i>Bruchus dentipes</i> Baudi (Bruchidae):					
<i>Vicia faba</i> (broadbean)-----	Iran, Lebanon-----	1		1	N. Y., Pa.
<i>Bruchus emarginatus</i> Allard (Bruchidae):					
<i>Pisum sativum</i> (pea)-----	India-----			1	D. C.
<i>Bruchus ervi</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)-----	Italy, Lebanon-----	8		9	N. J., N. Y.

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<i>Bruchus guttalis</i> Rey (Bruchidae): <i>Vicia</i> sp. (vetch).....	France, Portugal.....	9	—	—	N. Y., Pa.
<i>Bruchus lentis</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil).....	Italy.....	7	—	10	N. J., N. Y., Ohio.
<i>Bruchus luteicornis</i> Ill. (Bruchidae): <i>Vicia</i> sp. (vetch).....	France, Italy, Netherlands, service mail.	7	—	1	D. C., Mass., N. Y., Wash.
<i>Bruchus rufipes</i> Hbst. (Bruchidae): <i>Vicia faba</i> (broadbean).....	Italy.....	1	—	—	N. Y.
<i>Vicia sativa</i> (vetch).....	do.....	1	—	1	D. C., Ga.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae): <i>Lens culinaris</i> (lentil).....	do.....	10	—	12	N. J., N. Y., Ohio, Pa.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae): <i>Lathyrus odoratus</i> (sweet pea).....	Portugal.....	—	—	2	Mass., N. Y.
<i>Vicia sativa</i> (vetch).....	do.....	1	—	—	Pa.
<i>Bruchus tristis</i> Boh. (Bruchidae): Bean.....	France.....	1	—	—	N. Y.
<i>Bruchus ulicis</i> Muls. (Bruchidae): <i>Lens culinaris</i> (lentil).....	Italy.....	—	—	2	N. Y.
<i>Cactobrosis longipennella</i> (Hamps.) (Phycitidae): <i>Cereus</i> sp. (cactus).....	Mexico.....	—	—	1	Tex.
<i>Calligrapha diversa</i> Stal (Chrysomelidae): <i>Laelia majalis</i> (orchid).....	do.....	—	—	2	Tex.
Orchid.....	do.....	—	—	1	Tex.
<i>Calligrapha felina</i> Stal (Chrysomelidae): Orchid.....	do.....	—	—	1	Tex.
<i>Calligrapha limbaticollis</i> Stal (Chrysomelidae): Orchid.....	do.....	—	—	1	Tex.
<i>Calligrapha multipustulata</i> Stal (Chrysomelidae): <i>Musa paradisiaca sapientum</i> (banana).....	do.....	1	—	—	Calif.*
<i>Calligrapha notatipennis</i> Stal (Chrysomelidae): Orchid.....	do.....	—	—	1	Tex.
<i>Callirhytis sonora</i> Weld (Cynipidae): <i>Quercus</i> sp. (oak).....	do.....	3	—	—	Ariz.
<i>Callispa duodecimmaculata</i> Chap. (Chrysomelidae): <i>Aerides quinquevulnera</i> (orchid).....	Philippines.....	—	—	1	Hawaii.*
<i>Callosobruchus analis</i> (F.) (Bruchidae): <i>Pisum sativum</i> (pea).....	India.....	—	—	1	D. C.
<i>Callosobruchus chinensis</i> (L.) (Bruchidae): Bean.....	Philippines.....	1	—	—	Calif.*
<i>Cajanus cajan</i> (pigeonpea).....	Bahamas, British Guiana, British West Indies, Jamaica, Puerto Rico.	5	—	1	Fla.,* N. J., N. Y.
<i>Cicer arietinum</i> (chickpea).....	India.....	—	1	—	N. Y.
Grain—mixed.....	do.....	—	1	—	Mass.
<i>Lathyrus</i> sp.....	do.....	—	—	1	D. C.
<i>Phaseolus aureus</i> (mung bean).....	China.....	1	—	1	Mo., N. J.
<i>Phaseolus</i> sp. (bean).....	India, Italy.....	—	—	2	D. C., Mass.
<i>Pisum sativum</i> (pea).....	India.....	—	—	1	D. C.
<i>Vicia sativa</i> (vetch).....	do.....	—	—	1	N. J.
<i>Vigna</i> sp.....	do.....	—	—	2	D. C.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae): Bean.....	British West Indies, Curaçao, Cyprus.	2	—	1	Mich., N. Y.
<i>Cajanus cajan</i> (pigeonpea).....	Bahamas.....	1	—	—	Fla.*
<i>Cicer arietinum</i> (chickpea).....	Mexico.....	2	—	—	Tex.
<i>Hibiscus esculentus</i> (okra).....	Cyprus.....	—	—	1	Mich.
<i>Phaseolus vulgaris</i> (kidney bean).....	Venezuela.....	—	—	1	D. C.
<i>Pinus</i> sp. (pine).....	Mexico.....	2	—	—	Tex.
<i>Pisum sativum</i> (pea).....	Egypt.....	—	—	1	N. Y.
<i>Vigna sinensis</i> (cowpea).....	Costa Rica.....	—	—	3	D. C.
<i>Vigna</i> sp.....	Jamaica.....	—	—	1	N. J.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae): Bean.....	British West Indies, Jamaica.	1	—	1	N. J., N. Y.
<i>Camirus conicus</i> (Germ.) (Pentatomidae): Orchid.....	Mexico.....	—	—	1	Tex.
<i>Cardioscarta miniaticeps</i> (Fowl.) (Cicadellidae): <i>Coriandrum sativum</i> (coriander).....	Panama.....	1	—	—	N. Y.

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		Consumption	Nonentry	Propagation	
<i>Carposina sasakii</i> Mats. (Carposinidae):					
<i>Malus sylvestris</i> (apple).....	Japan.....		1		Oreg.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Cassia sieberiana</i>	Sierra Leone.....	1			N. Y.
<i>Cassia</i> sp.....	Brazil, India.....	1		1	N. J., Wash.
<i>Tamarindus</i> sp.....	France.....			2	D. C.
<i>Caryoborus serripes</i> (Sturm) (Bruchidae):					
Palm.....	Brazil.....	1			Va.
<i>Cassida flaveola</i> Thunb. (Chrysomelidae):					
Soil with assorted plants.....	England.....			1	N. Y.
<i>Cassida nebulosa</i> L. (Chrysomelidae):					
Moss and forest litter around rhododendron.....	Netherlands.....			1	N. J.
<i>Cassida nobilis</i> L. (Chrysomelidae):					
Moss and forest litter around rhododendron.....	do.....			3	N. J.
<i>Cassida vittata</i> Villers (Chrysomelidae):					
<i>Beta vulgaris</i> (beet).....	Egypt.....		1		N. Y.
<i>Caulophilus latinasus</i> Say (Curculionidae):					
Orchid.....	Mexico.....			3	Tex.
<i>Persea americana</i> (avocado).....	do.....	2			Tex.
<i>Celerio lineata</i> (F.) (Sphingidae):					
<i>Portulaca oleracea</i> (purslane).....	do.....	3			Tex.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Capsicum frutescens grossum</i> (sweet bell red pepper).....	Hawaii.....		2		Calif.*
<i>Citrus grandis</i> (pummelo).....	do.....	1			Calif.*
<i>Citrus limon</i> var. <i>ponderosa</i>	Spain.....	1			N. Y.
<i>Citrus paradisi</i> (grapefruit).....	Australia, Brazil, Egypt, Italy.....		7		Calif.,* La., N. Y., Pa., Va.
<i>Citrus reticulata</i> (tangerine).....	Algeria, Italy, Palestine, Portugal, Spain, unknown.....	14	10		Md., Mass., N. Y.
<i>Citrus sinensis</i> (orange).....	Algeria, Argentina, Australia, Brazil, Egypt, Gold Coast, Italy, Palestine, Portugal, Spain, Syria, unknown.....	19	16		Calif.,* Fla.,* Md., Mass., N. Y., Pa., P. R., Tex., Va.
<i>Cydonia oblonga</i> (quince).....	France, Greece, Italy, Spain.....	5			N. Y.
<i>Diospyros</i> sp. (persimmon).....	Italy.....	3			N. Y.
<i>Eriobotrya japonica</i> (loquat).....	Bermuda, Italy.....	2			Md., N. Y.
<i>Ficus carica</i> (fig).....	Azores, Bermuda, Italy, Palestine, Portugal.....	7			Md., Mass., N. Y.
<i>Malus sylvestris</i> (apple).....	Argentina, Italy.....	7	2		N. Y.
<i>Mangifera indica</i> (mango).....	Egypt, Hawaii.....	2			Calif.,* N. Y.
<i>Opuntia compressa</i> (pricklypear).....	Italy.....	5			N. Y.
<i>Prunus armeniaca</i> (apricot).....	Algeria (?).....		1		Md.
<i>Prunus domestica</i> (plum).....	Portugal.....		1		Mass.
<i>Prunus persica</i> (peach).....	Italy, Morocco, Portugal, Union of South Africa.....	3	5		Mass., N. Y.
<i>Pyrus communis</i> (pear).....	Italy, Spain.....	3			N. Y.
With provisions containing oranges, apples, and tangerines.....	Italy.....	1			N. Y.
<i>Vitis</i> sp. (grape).....	Argentina, Portugal, Union of South Africa.....	38	1		Ill., Mass., La., N. Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime).....	Azores.....	1			Mass.
<i>Citrus reticulata</i> (tangerine).....	Azores, Italy, Portugal.....	1	2		Mass., Va.
<i>Citrus sinensis</i> (orange).....	France, India, Italy (?), Spain.....		4		Mass., N. Y., Pa., Va.
<i>Lycopersicon esculentum</i> (tomato).....	Hawaii.....		1		Wash.
<i>Malus sylvestris</i> (apple).....	Unknown.....	1			N. Y.
<i>Persea americana</i> (avocado).....	Australia, Hawaii.....	1	1		Calif.,* Hawaii.
<i>Prunus domestica</i> (plum).....	Portugal.....		1		Mass.
<i>Pyrus communis</i> (pear).....	do.....		1		Mass.
<i>Vitis</i> sp. (grape).....	Argentina, Union of South Africa.....	18			N. Y.
<i>Ceratitis rosa</i> Karsch (Tephritidae):					
<i>Prunus persica</i> (peach).....	Union of South Africa.....	1			N. Y.
<i>Ceroplastes ceriferus</i> (And.) (Coccidae):					
<i>Camellia</i> sp.....	Japan.....			1	Wash.

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<i>Ceroplastes cirripediformis</i> Comst. (Coccidae):					
Cutting	Panama		1		Fla.*
<i>Iresine</i> sp.	do		1		Fla.*
<i>Ceroplastes japonicus</i> Green (Coccidae):					
<i>Camellia</i> sp.	China			1	Calif.*
<i>Citrus</i> sp.	Puerto Rico	1			Fla.*
<i>Larix</i> sp.	Japan			1	Wash.
<i>Tamarix</i> sp.	do			1	Wash.
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Alyxia olivaeformis</i>	Hawaii	1			Calif.*
<i>Citrus</i> sp.	Japan		1		Wash.
Fern	Hawaii	1			Calif.*
<i>Gardenia</i> (?) sp.	Tahiti			1	Calif.*
<i>Pittosporum</i> sp.	Japan			1	Wash.
<i>Rhododendron</i> sp.	do			1	Wash.
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig)	Italy, Palestine	1		1	Mass., N. J.
<i>Ceutorhynchus erysimi</i> (F.) (Curculionidae):					
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Ceutorhynchus floralis</i> (Paky.) (Curculionidae):					
Shrub	do			1	N. J.
<i>Ceutorhynchus quadridens</i> (Panz.) (Curculionidae):					
Soil in bag of beets	England		1		Tex.
<i>Chaetarthria seminulum</i> (Hbst.) (Hydrophilidae):					
<i>Calluna</i> sp.	Netherlands			1	N. J.
<i>Chaetocnema hortensis</i> (Geof.) (Chrysomelidae):					
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Chaetopsis fulvifrons</i> (Macq.) (Otitidae):					
<i>Zea mays</i> (corn)	Mexico	32	1		Ariz., N. Y., Tex.
<i>Chaetoptelius vestitus</i> (Rey) (Scolytidae):					
<i>Nerium</i> sp.	Portugal	1			Va.
<i>Chelymormpha comata</i> Boh. (Chrysomelidae):					
Orchid	Mexico			1	Tex.
<i>Chilo simplex</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice)	China, service mail	5			Calif.*, Mo.
<i>Chirothrips manicatus</i> (L.) (Thripidae):					
<i>Gladiolus</i> sp.	France		1		N. Y.
<i>Chlorochroa ligata</i> (Say) (Pentatomidae):					
Daisy	Mexico	1			Tex.
<i>Phaseolus vulgaris</i> var. (string bean)	do	1			Tex.
<i>Chlorochroa juniperina</i> (L.) (Pentatomidae):					
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Chrysobothris mali</i> Horn (Buprestidae):					
<i>Echeveria</i> sp.	Mexico			1	Calif.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	do	1			Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	do	1			Calif.*
<i>Persea americana</i> (avocado)	do	2			Tex.
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae):					
Araceae	Guatemala			1	N. J.
<i>Epidendrum</i> sp. (orchid)	Mexico			1	N. J.
<i>Laelia majalis</i> (orchid)	do			1	Tex.
Orchid	do			2	Tex.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Brazil		1		Fla.*
<i>Citrus sinensis</i> (orange)	Peru		1		Calif.*
<i>Cocos nucifera</i> (coconut)	British Guiana, Mexico		2	1	Ala., Calif.*
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Mexico	1			Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	5			Calif.*
<i>Chrysomphalus tenax</i> McKenzie (Coccidae):					
<i>Cattleya gigas</i> (orchid)	Colombia			2	Calif.*
<i>Monstera dubia</i> (shingle plant)	Guatemala			1	Calif.*
<i>Monstera</i> spp.	do			1	Calif.*
<i>Philodendron</i> sp.	Guatemala, Mexico			4	Calif.*, Tex.
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Epidendrum atropurpureum</i> (orchid)	Venezuela			1	Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Panama	4			Calif.*
Orchid	Mexico			1	Tex.

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<i>Cleogonus armatus</i> Champ. (Curculionidae):					
<i>Epidendrum atropurpureum</i> (orchid).....	Canal Zone.....			1	Tex.
Orchid.....	Mexico.....			1	Tex.
<i>Clerada apicornis</i> Sign. (Lygaeidae):					
<i>Cattleya gigas</i> (orchid).....	Colombia.....			1	Tex.
<i>Cligenes d. lineata</i> (Dist.) (Lygaeidae):					
Orchid.....	Mexico.....			2	Tex.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Phoenix dactylifera</i> (date).....	Iraq.....	1			N. Y.
<i>Phytelephas macrocarpa</i> (ivory palm).....	Costa Rica.....	1			Calif.*
<i>Coccotrypes pygmaeus</i> Eichh. (Scolytidae):					
Palm nut.....	Puerto Rico.....			1	N. J.
<i>Coccus capparidis</i> (Green) (Coccidae):					
<i>Codiaeum</i> sp. (croton).....	Bahamas.....			1	N. J.
<i>Cypripedium</i> sp. (orchid).....	India.....			1	N. J.
<i>Coccus pseudohesperidum</i> (Ckll.) (Coccidae):					
<i>Cattleya bicolor</i> (orchid).....	Brazil.....			1	Fla.
<i>Laelia purpurata</i> (orchid).....	do.....			1	N. J.
<i>Octomeria crassifolia</i> (orchid).....	do.....			1	D. C.
<i>Warszewiczella flabelliformis</i> (orchid).....	do.....			1	D. C.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Achras zapota</i> (sapodilla).....	Bahamas, Haiti.....	2			Fla.*, N. Y.
<i>Citrus aurantifolia</i> (sour lime).....	Cuba.....	1			Fla.*
<i>Citrus</i> sp.....	Jamaica, Puerto Rico.....	8			Fla.*
<i>Coffea</i> sp. (coffee).....	Cuba, Haiti, Hawaii, Jamaica.....	3	1		Calif.*, Fla.*
<i>Gardenia augusta</i> (gardenia).....	Colombia, Cuba, Jamaica, Puerto Rico, Venezuela.....	18	1		Fla.*, Va.
<i>Gardenia</i> sp.....	Hawaii.....	1			Calif.*
<i>Stenolobium stans</i> (Florida trumpetbush).....	Bahamas.....			1	N. Y.
<i>Coelosternus consputus</i> Boh. (Curculionidae):					
Log.....	Mexico.....	1			Calif.*
<i>Conchaspis angraeci</i> Ckll. (Coccidae):					
<i>Cattleya granulosa</i> (orchid).....	Brazil.....			1	Calif.*
<i>Cattleya</i> sp.....	Brazil, Venezuela.....			2	Calif.*, N. J.
<i>Epidendrum</i> sp. (orchid).....	Salvador.....			1	Calif.*
<i>Oncidium</i> sp. (orchid).....	Mexico.....			1	Tex.
Orchid.....	do.....			1	Tex.
<i>Conotrachelus agucatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	do.....	98			Tex.
<i>Conotrachelus integer</i> Csy. (Curculionidae):					
<i>Quercus</i> sp. (oak).....	do.....	1			Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	do.....	1			Tex.
<i>Conotrachelus seniculus</i> Lec. (Curculionidae):					
<i>Beta vulgaris cicla</i> (chard).....	do.....	2			Ariz.
Herb.....	do.....	1			Tex.
<i>Coptocycla dorsopunctata</i> (Klug) (Chrysomelidae):					
<i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Cuba.....	1			N. Y.
<i>Coptocycla semiatrata</i> Boh. (Chrysomelidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Coptorhynchus iliganus</i> Hllr. (Curculionidae):					
<i>Cannabis sativa</i> (hemp).....	Philippines.....	1			Wash.
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae):					
<i>Eleocharis dulcis</i> (waternut).....	China.....	1			Calif.*
<i>Corcyra cephalonica</i> (Staint.) (Galleriidae):					
<i>Caladium</i> sp.....	Virgin Islands.....	1			N. Y.
<i>Cicer arietinum</i> (chickpea).....	Mexico, Puerto Rico.....	1	2		N. Y., Tex.
<i>Erythrina</i> sp.....	Salvador.....	1			N. Y.
<i>Gossypium</i> sp. (cottonseed).....	do.....			1	Tex.
<i>Oryza sativa</i> (rice).....	India.....	1			Ala.
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae):					
<i>Khaya senegalensis</i> (?).....	Gold Coast.....	1			N. Y.
<i>Khaya</i> sp.....	Cameroons, French Equatorial Africa, Gold Coast.....	5			N. Y., Va.
<i>Corimelaena minutissima</i> Mall. (Pentatomidae):					
<i>Rorippa nasturtium-aquaticum</i> (watercress).....	Mexico.....	1			Tex.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Guatemala.....			1	La.

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<i>Creontiades femoralis</i> Van Duzee (Miridae):					
<i>Beta vulgaris cicla</i> (chard)	Mexico	1			Ariz.
<i>Crophius costatus</i> (Dist.) (Lygaeidae):					
<i>Laelia</i> sp. (orchid)	do			1	Tex.
<i>Crophius scabrosus</i> (Uhler) (Lygaeidae):					
<i>Bromelia</i> sp.	do			1	Calif.*
<i>Epidendrum</i> sp. (orchid)	do			1	Calif.*
<i>Laelia</i> sp. (orchid)	do			1	Tex.
Orchid	do			5	Tex.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Honduras			1	Fla.
Orchid	Mexico			1	Tex.
<i>Cryptorhynchus mangiferae</i> (F.) (Curculionidae):					
<i>Mangifera indica</i> (mango)	Hawaii, Philippines	14	11		Calif.*, Wash.
<i>Cryptotermes brevis</i> (Walker) (Kalotermitidae):					
Wood	Hawaii	1			Calif.*
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea</i> sp. (chestnut)	Italy	4			Ala., Ill.
<i>Curculio q-griseae</i> Chttn. (Curculionidae):					
<i>Quercus</i> sp. (oak)	Mexico	4			Tex.
<i>Cyamobolus palawanicus</i> Heller (Curculionidae):					
<i>Heritiera littoralis</i>	Philippines			1	Oreg.
<i>Cylas formicarius</i> F. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Philippines, Strait Settlements.	1	1		Calif.*
<i>Cylas formicarius</i> subsp. (?) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	China	1			Calif.*
<i>Cylas formicarius</i> (F.) var. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Cuba, Philippines, Puerto Rico, Siam.	4	1		Ala., Calif.*, Hawaii, N. Y.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Cuba, Mexico, Puerto Rico, Virgin Islands.	30	1		Ala., Fla.*, N. Y., S. C., Tex.
<i>Cylas formicarius</i> probably <i>elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Puerto Rico, Virgin Islands.	6			N. Y.
<i>Cylas puncticollis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Mozambique, Sierra Leone.	1	3		Mass., N. Y., Va.
<i>Cymus melanocephalus</i> Fieber (Lygaeidae):					
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Cyrtocapsus caligineus</i> (Stal) (Miridae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Tex.
<i>Cyrtosoma tristigma</i> (Boh.) (Chrysomelidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Guatemala	1			Calif.*
<i>Cyrtopeltis varians</i> (Dist.) (Miridae):					
<i>Brassica</i> sp. (mustard)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Calif.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
<i>Capsicum frutescens grossum</i> (sweet bell pepper).	Hawaii		1		Calif.*
<i>Cucumis sativus</i> (cucumber)	do		5		Calif.*
<i>Cucurbita maxima</i> (squash)	do		2		Calif.*
<i>Lycopersicon esculentum</i> (tomato)	do		3		Calif.*, Wash.
<i>Phaseolus vulgaris</i> var. (string bean)	do		5		Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
<i>Carica papaya</i> (papaya)	do		1		Calif.*
<i>Euphoria longan</i> (longan)	do	1			Calif.*
<i>Mangifera indica</i> (mango)	Hawaii, Philippines	5	3		Calif.*, Hawaii
<i>Musa paradisiaca sapientum</i> (banana)	Hawaii	4			Calif.*
<i>Persea americana</i> (avocado)	do	1			Calif.*
<i>Psidium guajava</i> (guava)	do	1	1		Calif.*
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Cocos nucifera</i> (coconut)	do	1			Calif.*
<i>Mangifera indica</i> (mango)	do	1	1		Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	do		2		Calif.*
<i>Dacus oleae</i> (Gmel.) (Tephritidae):					
<i>Olea europaea</i> (olive)	Azores, Greece, Italy, Portugal.	73			Ill., Mass., N. Y., Pa.

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<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae): <i>Olea europaea</i> (olive).....	Italy.....	2			N. Y.
<i>Dalopius marginatus</i> (L.) (Elateridae): Soil packing of rhododendron.....	England.....			1	Wash.
<i>Desmothrips australis</i> (Bagn.) (Aeolothripidae): <i>Raphanus sativus</i> (radish).....	Australia.....		1		Hawaii.
<i>Diabrotica figurata</i> Jac. (Chrysomelidae): Orchid.....	Mexico.....			1	Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): <i>Rhododendron ponticum</i> (pontic rhododendron).	England.....			1	N. J.
<i>Rhododendron</i> sp.....	England, Netherlands.....			4	N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): <i>Osmanthus</i> (?) sp.....	Formosa.....			1	Calif.*
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): <i>Citrus</i> sp.....	Puerto Rico.....	3			Fla.*
<i>Dialeurodes kirkaldyi</i> (Kat.) (Aleyrodidae): Plant.....	Japan (?).....			1	Calif.*
<i>Diaphania hyalinata</i> (L.) (Pyraustidae): <i>Cucurbita maxima</i> (squash).....	Mexico.....	5			Tex.
<i>Cucurbita pepo</i> (pumpkin).....	do.....	3			Ariz., Tex.
<i>Diaphania nitidalis</i> (Stoll) (Pyraustidae): <i>Cucumis sativus</i> (cucumber).....	Brazil, Netherlands Guiana, Trinidad.		4		La., Mass., N. Y.
<i>Cucurbita maxima</i> (squash).....	Mexico.....	23	1		Tex.
<i>Cucurbita pepo</i> (pumpkin).....	do.....	1			Tex.
Basket containing various vegetables.....	Dutch Guiana.....		1		Tex.
<i>Diaprepes abbreviatus</i> (L.) (Curculionidae): <i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1			N. Y.
<i>Diatraea crambidoides</i> (Grote) (Crambidae): <i>Zea mays</i> (corn).....	British Honduras.....		1		Fla.*
<i>Diatraea saccharalis</i> (F.) (Crambidae): <i>Saccharum officinarum</i> (sugarcane).....	Haiti, Mexico, Puerto Rico.	2	3		Md., Pa., Tex.
<i>Sorghum vulgare technicum</i> (broomcorn).....	Argentina.....	6			La.
<i>Zea mays</i> (corn).....	Puerto Rico.....	1			Fla.*
<i>Dinoderus brevis</i> (Horn) (Bostrichidae): Bamboo.....	Guam, Philippines.....	7			Calif.,* Mo.
<i>Dinoderus pilifrons</i> Lesne (Bostrichidae): Bamboo.....	India.....	1			Tex.
<i>Dioryctria abietella</i> (D. & S.) (Phycitidae): <i>Picea</i> sp. (spruce).....	Canada.....			1	Wash.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae): <i>Laelia anceps</i> (orchid).....	Mexico.....			2	Tex.
<i>Laelia superbiens</i>	Guatemala.....			1	Calif.*
<i>Laelia</i> sp.....	Mexico.....			2	Tex.
<i>Odontoglossum grande</i> (orchid).....	Guatemala.....			1	Tex.
Orchid.....	Honduras, Mexico.....			17	Tex.
<i>Disonycha leptolineata texana</i> Schaef. (Chrysomelidae): <i>Chrysanthemum maximum</i> (shasta daisy).....	Mexico.....	1			Tex.
<i>Dryoctenes scrupulosus</i> (Germ.) (Cerambycidae): <i>Spondias</i> sp.....	Venezuela.....	1			N. Y.
<i>Dryotribus mimeticus</i> Horn (Curculionidae): <i>Morus</i> sp. (mulberry).....	Bahamas.....			1	Tex.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae): <i>Citrus aurantifolia</i> (sour lime).....	Mexico.....	1			Tex.
<i>Laelia anceps</i> (orchid).....	do.....			1	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	3			Tex.
<i>Dysdercus ruficollis</i> (L.) (Pyrrhocoridae): Orchid.....	Brazil.....			1	Fla.
<i>Dysides obscurus</i> Perty (Bostrichidae): <i>Spondias</i> sp.....	Venezuela.....	1			N. Y.
<i>Elaphria chalconia</i> (Hbn.) (Phalaenidae): <i>Brassica oleracea capitata</i> (cabbage).....	England.....		1		Tex.
<i>Elasmopalpus lignosellus</i> (Zell.) (Phycitidae): <i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1			Fla.*
<i>Endrosis lactella</i> (Schiff.) (Oecophoridae): <i>Iris</i> sp.....	Netherlands.....			1	N. J.
<i>Narcissus</i> sp.....	do.....	1			Va.
<i>Scilla sibirica</i> (Siberian squill).....	do.....			1	Mich.
<i>Tulipa</i> sp. (tulip).....	do.....			1	N. J.

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<i>Epicaerus cognatus</i> Sharp (Curculionidae): <i>Solanum tuberosum</i> (potato) -----	Mexico -----	2	7	-----	Calif.,* La., Tex.
<i>Solanum</i> sp. -----	do -----	-----	-----	2	D. C.
<i>Epilachna varivestis</i> Muls. (Coccinellidae): <i>Laelia</i> sp. (orchid) -----	do -----	-----	-----	1	Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean) -----	Costa Rica, Mexico -----	15	1	-----	Ariz., Calif.,* Tex.
<i>Ereunetis flavistriata</i> Wlsm. (Tineidae): <i>Ananas comosus</i> (pineapple) -----	Hawaii -----	-----	1	-----	Wash.
<i>Ernoporus tiliae</i> (Panz.) (Scolytidae): <i>Tilia</i> sp. (linden) (?) -----	France -----	1	-----	-----	N. Y.
<i>Estigmene acrea</i> (Drury) (Arctiidae): <i>Capsicum frutescens</i> (pepper) -----	Mexico -----	1	-----	-----	Ariz.
<i>Eucactophagus aurocinctus</i> Champ. (Curculionidae): <i>Lycaste</i> sp. (orchid) -----	Peru -----	-----	-----	1	Calif.*
<i>Eucalandra setulosa</i> (Gyll.) (Curculionidae): Bamboo -----	Mexico -----	1	-----	-----	Ariz.
<i>Merostachys</i> sp. -----	do -----	1	-----	-----	Ariz.
Orchid -----	do -----	-----	-----	1	Tex.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae): <i>Gardenia</i> sp. (?) -----	Tahiti -----	-----	-----	1	Calif.*
<i>Euleia heraclei</i> (L.) (Tephritidae): <i>Apium graveolens</i> (celery) -----	England, Ireland -----	-----	3	-----	Pa., Tex.
<i>Apium graveolens rapaceum</i> (celeriac) -----	Denmark -----	-----	1	-----	N. Y.
<i>Petroselinum crispum</i> (parsley) -----	France -----	-----	2	-----	Tex.
<i>Eumysia stigmella</i> (Dyar) (Phycitidae): <i>Echeveria</i> sp. -----	Mexico -----	-----	-----	1	Calif.
<i>Eurydema oleraceum</i> (L.) (Pentatomidae): Moss and forest litter around rhododendron -----	Netherlands -----	-----	-----	1	N. J.
<i>Eurytoma crassineura</i> Ashm. (Eurytomidae): <i>Fraxinus</i> sp. (ash) -----	England -----	1	-----	-----	Md.
<i>Eurytoma oleae</i> Del Guercio (Eurytomidae): <i>Olea europaea</i> (olive) -----	Italy -----	1	-----	-----	N. Y.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae): <i>Cattleya bicolor</i> (orchid) -----	Brazil -----	-----	-----	1	Fla.
<i>Cattleya gaskelliana</i> -----	Venezuela -----	-----	-----	1	N. J.
<i>Cattleya gigas</i> -----	Colombia -----	-----	-----	3	Fla.
<i>Cattleya harrisoniana</i> -----	Brazil -----	-----	-----	1	N. J.
<i>Cattleya labiata autumnalis</i> -----	do -----	-----	-----	1	N. J.
<i>Cattleya mossiae</i> -----	Venezuela -----	-----	-----	5	Fla., N. J.
<i>Cattleya trianae</i> -----	Colombia -----	-----	-----	2	Fla.
<i>Cattleya</i> sp. -----	Brazil, Colombia, Costa Rica, Venezuela. -----	-----	-----	93	Fla., N. J., Tex.
<i>Laelia anceps</i> (orchid) -----	Mexico -----	-----	-----	2	Tex.
<i>Laelia purpurata</i> -----	Brazil -----	-----	-----	1	Fla.
<i>Laelia</i> sp. -----	Salvador -----	-----	-----	1	Tex.
Orchid -----	Guatemala, Venezuela -----	-----	-----	2	N. J., Tex.
<i>Euscapes postfasciatus</i> (Fairm.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato) -----	Brazil, Colombia, Ecuador, Honduras, Puerto Rico, Virgin Islands. -----	9	5	-----	Calif.,* La., Md., N. Y., S. C.
Vine -----	Japan -----	-----	-----	1	Calif.*
<i>Eutettix tenellus</i> (Bak.) (Cicadellidae): <i>Portulaca oleracea</i> (purslane) -----	Mexico -----	1	-----	-----	Tex.
<i>Eutornicus congener</i> (Woll.) (Curculionidae): <i>Cymbidium</i> sp. (orchid) -----	India -----	-----	-----	1	Calif.*
<i>Euresta quaternaria</i> Loew (Otitidae): <i>Vitis</i> sp. (grape) -----	Argentina -----	1	-----	-----	N. Y.
<i>Euresta stigmatias</i> Loew (Otitidae): <i>Zea mays</i> (corn) -----	Puerto Rico -----	1	-----	-----	N. Y.
<i>Evergestis forficalis</i> (L.) (Pyraustidae): <i>Brassica oleracea botrytis</i> (cauliflower) -----	England -----	-----	1	-----	Tex.
<i>Brassica oleracea capitata</i> (cabbage) -----	Belgium, France, Netherlands. -----	-----	3	-----	Ala., N. Y., Tex.
<i>Evergestis rimosalis</i> (Guen.) (Pyraustidae): <i>Brassica</i> sp. (mustard) -----	Mexico -----	1	-----	-----	Tex.
<i>Raphanus sativus</i> (radish) -----	do -----	1	-----	-----	Tex.
<i>Rorippa nasturtium-aquaticum</i> (watercress) -----	do -----	2	-----	-----	Tex.

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<i>Erosoma lusitanica</i> (L.) (Chrysomelidae):					
<i>Muscari comosum</i> (cipollino).....	Morocco.....	2			N. Y.
<i>Erptochiomeria albomaculata</i> (Dist.) (Lygaeidae):					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	1			Tex.
<i>Laelia</i> sp. (orchid).....	do.....			1	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
Orchid.....	Guatemala, Mexico.....			6	Tex.
<i>Erptochiomeria oblonga</i> (Stal) (Lygaeidae):					
<i>Chrysanthemum</i> sp.....	Mexico.....	1			Tex.
<i>Erptochiomeria tumens</i> (Stal) (Lygaeidae):					
Orchid.....	do.....			1	Tex.
<i>Faustinus rhombifer</i> (Champ.) (Curculionidae):					
Orchid.....	do.....			1	Tex.
<i>Ferrisiana virgata</i> (Ckll.) (Coccidae):					
<i>Dendrobium heterocarpum</i> (orchid).....	Philippines.....			1	Calif.*
<i>Echinocereus grandis</i> (cactus).....	Mexico.....			1	Calif.*
<i>Euphorbia</i> spp.....	Guam.....			1	Calif.*
<i>Gardenia augusta</i> (gardenia).....	Venezuela.....	1			Fla.*
<i>Helichrysum bracteatum</i> (straw flower).....	Guam.....	1			Calif.*
<i>Hibiscus esculentus</i> (okra).....	Cuba.....		1		Fla.*
<i>Hibiscus</i> spp.....	Guam.....			1	Calif.*
<i>Lilium</i> spp.....	do.....			1	Calif.*
<i>Mammillaria albicans</i> (cactus).....	Mexico.....			1	Calif.*
<i>Miltonia</i> sp. (orchid).....	Colombia.....			1	Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Mexico.....	5			Calif.*
<i>Oncidium ornithopodium</i> (orchid).....	Mexico.....			1	Calif.*
<i>Pinus</i> sp. (pine).....	Japan.....			1	Wash.
Plant—unidentified.....	Guam, Marianas.....	1		1	Calif.*
<i>Trichoglottis brachiata</i> (orchid).....	Philippines.....			1	Hawaii.*
<i>Vanda luzonica</i> (orchid).....	do.....			1	Hawaii.*
<i>Forficula auricularia</i> L. (Forficulidae):					
<i>Dianthus</i> sp. (carnation).....	Ireland.....			1	Ill.
<i>Epidendrum atropurpureum</i> (orchid).....	Venezuela.....			1	Calif.*
<i>Hyacinthus</i> sp. (hyacinth).....	Netherlands.....			1	Ill.
<i>Punica granatum</i> (pomegranate).....	Italy.....	1			Ill.
Sawdust packing for dahlias.....	Germany.....			1	Wash.
<i>Frankliniella insularis</i> (Frankl.) (Thripidae):					
<i>Antirrhinum majus</i> (snapdragon).....	Jamaica.....		1		Fla.*
<i>Pisum sativum</i> (pea).....	Mexico.....	1			Tex.
<i>Rosa</i> sp. (rose).....	Dominican Republic.....	1			P. R.
<i>Frankliniella moultoni</i> Hood (Thripidae):					
<i>Rosa</i> sp. (rose).....	Colombia.....	1			Fla.*
<i>Franklinothrips vespiformis</i> (Crawf.) (Franklinothripidae):					
<i>Chrysanthemum</i> sp.....	Mexico.....	1			Ariz.
<i>Fulvius anthocorides</i> Stal (Miridae):					
Orchid.....	do.....			1	Tex.
<i>Fulvius brevicornis</i> Reuter (Miridae):					
Log.....	French West Africa.....	2			Va.
<i>Fulvius oxycarenoides</i> Reuter (Miridae):					
<i>Khaya</i> sp.....	French Equatorial Africa.....	1			N. Y.
<i>Fundella pellucens</i> Zell. (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1			N. Y.
<i>Phaseolus vulgaris</i> var. (string bean).....	do.....	2			N. Y.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassavola nodosa</i> (orchid).....	Canal Zone.....			1	N. J.
<i>Brassavola</i> sp.....	Canal Zone, Colombia.....			2	N. J.
<i>Cattleya chocoensis</i> (orchid).....	Costa Rica.....			1	Tex.
<i>Cattleya gigas</i>	Canal Zone, Colombia, Guatemala.....			3	Calif.,* N. J., Tex.
<i>Cattleya intermedia</i>	Brazil.....			1	D. C.
<i>Cattleya trianae</i>	Colombia, Costa Rica.....			3	Calif.*
<i>Cattleya</i> sp.....	Brazil, Colombia, Guatemala, Mexico, Trinidad, Venezuela.....			22	Calif.,* Fla., N. J., Tex.
<i>Cymbidium</i> sp. (orchid).....	Colombia.....			1	N. J.
<i>Epidendrum atropurpureum</i> (orchid).....	Canal Zone, Venezuela.....			11	Calif.,* N. J., Tex.
<i>Oncidium confusum</i> (orchid).....	Canal Zone.....			3	N. J., Tex.
<i>Oncidium stipitatum</i> (orchid).....	do.....			1	Tex.
<i>Oncidium</i> sp.....	do.....			3	Fla., Tex.

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<i>Furcaspis biformis</i> (Ckll.) (Coccidae):—Con. Orchid.....	Brazil, Canal Zone, Colombia, Trinidad.			4	D. C., N. J., P. R., Tex.
<i>Phalaenopsis</i> sp. (orchid).....	Trinidad.....			1	Calif.*
<i>Philodendron</i> spp.....	Guatemala.....			1	Calif.*
<i>Rodriguezia secunda</i> (orchid).....	Canal Zone.....			1	Tex.
<i>Schomburgkia crispa</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Schomburgkia undulata</i>	Canal Zone.....			1	Calif.*
<i>Schomburgkia</i> sp.....	Venezuela.....			1	N. J.
<i>Vanda batemani</i> (orchid).....	Philippines.....			1	Hawaii.*
<i>Furcaspis oceanicus</i> Ldgr. (Coccidae): <i>Cocos nucifera</i> (coconut).....	South Pacific.....	1			Hawaii.
<i>Galgupha quadrisignata</i> (Stal) (Pentatomidae): Orchid.....	Mexico.....			1	Tex.
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae): Orchid.....	Canal Zone, Mexico.....			4	Tex., Wash.
<i>Galgupha texana</i> McA. & Mall. (Pentatomidae): Orchid.....	Mexico.....			1	Tex.
<i>Geocoris flavilineus</i> Stal (Lygaeidae): <i>Chrysanthemum</i> sp.....	do.....	1			Tex.
<i>Gerstaeckeria bifasciata</i> (Gerst.) (Curculionidae): <i>Coryphantha erecta centrispina</i> (cactus).....	do.....			1	Tex.
<i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae): <i>Mammillaria</i> sp. (cactus).....	do.....			1	Tex.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae): <i>Capsicum frutescens</i> (pepper).....	do.....	13			Ariz.
<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae): <i>Physalis</i> sp. (husk tomato).....	do.....	4			Tex.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae): <i>Solanum tuberosum</i> (potato).....	Peru.....		2		Tex.
<i>Gracilaria azalea</i> Brants (Gracilariidae): <i>Rhododendron indicum</i>	Belgium.....			1	N. J.
<i>Rhododendron obtusum kaempferi</i>	Netherlands.....			1	N. J.
<i>Rhododendron</i> sp.....	do.....			7	N. J., Wash.
<i>Grapholitha molesta</i> (Busek) (Olethreutidae): <i>Malus sylvestris</i> (apple).....	Japan.....		1		Oreg.
<i>Prunus armeniaca</i> (apricot).....	Italy.....	1			N. Y.
<i>Prunus persica</i> (peach).....	Unknown.....	1			Mich.
<i>Grapholitha packardii</i> Zell. (Olethreutidae): <i>Crataegus</i> sp. (red haw).....	Mexico.....	1			Tex.
<i>Gymnaetron beccabungae nigrum</i> Walt. (Curculionidae): <i>Crataegus</i> sp.....	Germany.....			1	N. J.
<i>Halimococcus borassi</i> Green (Coccidae): <i>Borassus flabellifer</i> (palmyra palm).....	India.....	1			Calif.*
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae): <i>Dianthus</i> sp. (carnation).....	England, Portugal.....		1	1	Mass., N. J.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae): <i>Canavalia</i> sp.....	Hawaii.....	4			Calif.*
<i>Genista</i> sp.....	Barbados.....	1			Mass.
<i>Rosa</i> sp. (rose).....	Mexico.....	1			Tex.
<i>Heliodines bella</i> (Chamb.) (Heliodinidae): <i>Portulaca oleracea</i> (purslane).....	do.....	29			Ariz., Tex.
<i>Rorippa nasturtium-aquaticum</i> (watercress).....	do.....	1			Tex.
<i>Hellula phidilealis</i> (Wlk.) (Pyraustidae): <i>Brassica rapa</i> (turnip).....	Cuba.....		2		Tex.
<i>Heraeus cincticornis</i> Stal (Lygaeidae): <i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	N. J.
<i>Heraeus guttatus</i> (Dallas) (Lygaeidae): <i>Laelia</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae): Wood.....	India.....	1			N. Y.
<i>Hofmannophila pseudospretella</i> (Staint.) (Oecophoridae): <i>Achimenes</i> sp.....	Belgium.....			1	N. J.
<i>Lavandula</i> sp.....	England.....	1			Wash.
<i>Sorghum vulgare technicum</i> (broomcorn).....	Italy.....	1			N. Y.
Straw packing.....	Netherlands.....	1			Mass.
<i>Ulex</i> sp.....	North Ireland.....	1			Pa.

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<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
<i>Picea</i> sp. (spruce)-----	Germany, Sweden-----	3			N. Y.
<i>Pinus</i> sp. (pine)-----	Sweden-----	1			N. Y.
<i>Hypera nigrirostris</i> (F.) (Curculionidae):					
Moss and forest litter around rhododendron-----	Netherlands-----			1	N. J.
<i>Hypera pedestris</i> (Payk.) (Curculionidae):					
<i>Crataegus</i> sp-----	Germany-----			1	N. J.
<i>Hypera postica</i> (Gyll.) (Curculionidae):					
Soil around shamrocks-----	Ireland-----	1			N. Y.
<i>Hypera rumicis</i> (L.) (Curculionidae):					
<i>Crataegus</i> sp-----	Germany-----			1	N. J.
<i>Hyphantria cunea</i> (Drury) (Arctiidae):					
<i>Raphanus sativus</i> (radish)-----	Mexico-----	1			Tex.
<i>Icerya zeteki</i> Morr. (Coccidae):					
Palm-----	Salvador-----			1	Tex.
<i>Ips typographus</i> (L.) (Scolytidae):					
<i>Picea</i> sp. (spruce)-----	Sweden-----	1			N. Y.
<i>Pinus</i> sp. (pine)-----	Germany-----	1			N. Y.
<i>Iridomyrmex humilis</i> Mayr. (Formicidae):					
<i>Chrysanthemum</i> sp-----	Portugal-----	1			Mass.
Orchid-----	Honduras-----			2	La.
<i>Prunus domestica</i> (plum)-----	Portugal-----		1		Mass.
Soil around bulbs and plants-----	Azores-----			1	N. Y.
<i>Japetus sphaeroides</i> Dist. (Pyrrhocoridae):					
<i>Lycopersicon esculentum</i> (tomato)-----	Mexico-----	1			Tex.
<i>Kaloterme marginipennis</i> (Latr.) (Kalotermitidae):					
In suitcase-----	Guatemala-----	1			Calif.*
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp-----	Hawaii-----	3			Calif.*
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea sativa</i> (chestnut)-----	Belgium, England, France, Italy, Portu- gal.	17	2		Ala., D. C., Ill., Mass., Minn., N. Y., Ohio, Pa., Wash.
<i>Quercus</i> sp. (oak)-----	Turkey-----	1			Pa.
<i>Lecaniodiaspis dendrobii</i> Dougl. (Coccidae):					
<i>Cattleya</i> sp. (orchid)-----	British Honduras-----			1	Tex.
<i>Lecanium coryli</i> (L.) (Coccidae):					
<i>Malus sylvestris</i> (apple)-----	Netherlands-----			1	D. C.
<i>Lema bilineata</i> Germ. (Chrysomelidae):					
<i>Vitis</i> sp. (grape)-----	Union of South Africa-----	1			N. Y.
<i>Lema cyanella</i> (L.) (Chrysomelidae):					
<i>Crataegus</i> sp-----	Germany-----			1	N. J.
<i>Lema melanopa</i> (L.) (Chrysomelidae):					
<i>Crataegus</i> sp-----	do-----			1	N. J.
<i>Leperisinus fraxini</i> (Panz.) (Scolytidae):					
<i>Fraxinus</i> sp. (ash)-----	England-----	6			N. Y.
<i>Lepidosaphes carinata</i> Ckll. (Coccidae):					
<i>Philodendron</i> sp-----	Mexico-----			1	Calif.*
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae):					
<i>Pyrus communis</i> (pear)-----	Japan-----	1			Wash.
<i>Lepidosaphes espinosai</i> Porter (Coccidae):					
Forest litter-----	Peru-----	1			Wash.
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
<i>Ficus carica</i> (fig)-----	Italy, Palestine-----			5	N. J., N. Y.
<i>Lepidosaphes latero-chitinsa</i> Green (Coccidae):					
<i>Rhynchostylis retusa</i> (orchid)-----	India-----			2	N. J.
<i>Lepidosaphes pallida</i> (Green) (Coccidae):					
<i>Juniperus</i> sp. (juniper)-----	Japan-----			5	Wash.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Cactus-----	Mexico-----			1	Tex.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum variegatum</i> (croton)-----	Hawaii-----			3	Calif.*
<i>Codiaeum</i> sp-----	Bahamas-----			1	N. J.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae):					
<i>Cymbidium tracyanum</i> (orchid)-----	India-----			1	Calif.*
<i>Cymbidium lowianum</i> -----	do-----			1	N. J.
<i>Cymbidium</i> sp-----	Australia, Belgium, England, India, Japan, Netherlands.			29	Calif.*, Ha- wail, N. J., Wash.
<i>Schomburgkia</i> sp. (orchid)-----	Australia-----			1	Calif.*

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<i>Lepidosaphes uniloba</i> (Kuw.) (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia)	Hawaii	1			Calif.*
<i>Leptoglossus chilensis</i> Spinola (Coreidae):					
<i>Vitis</i> sp. (grape)	Chile	4			N. Y.
<i>Leptostylus incrassatus</i> (Klug) (Cerambycidae):					
<i>Morus</i> sp. (mulberry)	Bahamas			1	Tex.
<i>Lethaeus aeruginosus</i> (Dist.) (Lygaeidae):					
<i>Cymbidium</i> sp. (orchid)	India			1	Calif.*
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Costa Rica, Hawaii, Salvador.	1	3		Calif.*
<i>Citrus grandis</i> (pummelo)	Hawaii	1			Calif.*
<i>Citrus limon</i> (lemon)	Philippines		1		Calif.*
<i>Citrus paradisi</i> (grapefruit)	Cuba, Jamaica, Panama	1	3		Calif.*, Fla.*
<i>Citrus sinensis</i> (orange)	Panama		2		Calif.*
Palm	Salvador			1	Tex.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Tex.
<i>Laelia auceps</i> (orchid)	do			1	Tex.
<i>Laelia majalis</i>	do			1	Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
Orchid	do			2	Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Chrysanthemum</i> sp.	do	3			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Ligyrocoris litigiosus</i> (Stal) (Lygaeidae):					
Orchid	do			1	Tex.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
<i>Capsicum frutescens</i> (pepper)	do	1			Tex.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	2			Ariz., Tex.
<i>Liothrips vaneeckei</i> Pr. (Phlaeothripidae):					
<i>Lilium auratum platyphyllum</i> (broadleaf goldband lily).	Japan	1			Calif.*
<i>Lilium candidum</i> (Madonna lily)	France			2	N. Y.
<i>Lilium</i> sp.	Japan			2	Calif.*, Wash.
<i>Liriomyza pusilla</i> (Meig.) (Agromyzidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Euphorbia</i> sp.	Canada			1	N. Y.
<i>Lixus mucronatus</i> Oliv. (Curculionidae):					
<i>Apium graveolens</i> (celery)	Portugal		1		Pa.
<i>Longitarsus melanocephalus</i> (Deg.) (Chrysomelidae):					
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Lophocateres pusillus</i> (Klug) (Ostomidae):					
<i>Zea mays</i> (corn)	Venezuela	1			Mass.
<i>Lorostege similalis</i> (Guen.) (Pyraustidae):					
<i>Brassica rapa</i> (turnip)	Mexico	1			Tex.
<i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Portulaca oleracea</i> (purslane)	do	1			Tex.
<i>Lyctus caribeanus</i> Lesne (Lyctidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Lygaeus circumplicatus</i> Dist. (Lygaeidae):					
Orchid	do			3	Tex.
<i>Lygaeus guatemalanus</i> Dist. (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Lygaeus pusio</i> (Stal) (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Guatemala			1	Tex.
Orchid	Mexico			5	Tex.
<i>Lygus elisus</i> Van D. (Miridae):					
<i>Brassica rapa</i> (turnip)	do	1			Tex.
<i>Musa paradisiaca sapientum</i> (banana)	do	1			Calif.*
<i>Lygus oblineatus</i> (Say) (Miridae):					
<i>Chrysanthemum</i> sp.	do	1			Ariz.
<i>Limonium</i> sp. (?)	Bermuda	1			N. Y.
<i>Macrocephalus notatus</i> Westwood (Phymatidae):					
Orchid	Mexico			1	Tex.
<i>Macrocephalus stali</i> Handl. (Phymatidae):					
Orchid	do			3	Tex.
<i>Macropygium reticulare</i> F. (Pentatomidae):					
Orchid	do			2	Tex.

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<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea)-----	Puerto Rico-----	1			Fla.*
<i>Canavalia</i> sp.-----	Hawaii-----	5			Calif.*
<i>Phaseolus vulgaris</i> var. (string bean)-----	Brazil, Hawaii, New Zealand, Panama, Puerto Rico.	2	7		Calif.*, Fla.*, Hawaii, La., Pa., Tex.
<i>Mecinus pyraister</i> (Hbst.) (Curculionidae):					
<i>Beta vulgaris</i> (bcet)-----	Italy-----		1		Md.
<i>Mecolaemus carvalhoi</i> (Costa Lima) (Miridae):					
<i>Cattleya gaskelliana</i> (orchid)-----	Venezuela-----			1	N. J.
<i>Cattleya</i> sp.-----	do-----			5	N. J.
Orchid-----	Brazil, Venezuela-----			3	N. J.
<i>Mecometopus jansoni</i> Bates (Cerambycidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Costa Rica-----	1			Calif.*
<i>Megacerus contaminatus</i> (Sharp) (Bruchidae):					
<i>Ipomoea</i> sp.-----	Mexico-----			1	D. C.
<i>Meristata dohrni</i> (Baly) (Chrysomelidae):					
<i>Vanda</i> sp. (orchid)-----	India-----			1	Wash.
<i>Meristata trifasciata</i> (Hope) (Chrysomelidae):					
<i>Vanda</i> sp. (orchid)-----	do-----			1	Wash.
<i>Merobruchus flexicaulis</i> (Schaeft.) (Bruchidae):					
<i>Pithecollobium flexicaule</i> (ebony)-----	Mexico-----	1			Tex.
<i>Merobruchus julianus</i> (Horn) (Bruchidae):					
Seed pod-----	do-----			1	Tex.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Canal Zone, Costa Rica, Honduras, Nicaragua.	23			Calif.*, La., S. C.
<i>Metamasius sericeus</i> (Oliv.) var. (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Ecuador, Honduras-----	3			La., Md., S. C.
<i>Metamasius sericeus carbonarius</i> Chev. (Curcu- lionidae):					
<i>Ananas comosus</i> (pineapple)-----	Mexico-----	1			Tex.
Orchid-----	do-----			1	Tex.
<i>Metrona tuberculata</i> (F.) (Chrysomelidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Guatemala-----	1			Calif.*
<i>Micrapate brasiliensis</i> (Lesne) (Bostrichidae):					
Wood-----	Brazil-----	1			N. Y.
<i>Micrapate labialis</i> Lesne (Bostrichidae):					
<i>Sambucus</i> sp.-----	Mexico-----	1			N. Y.
<i>Microtheca ochroloma</i> Stal (Chrysomelidae):					
<i>Cattleya labiata</i> (orchid)-----	Brazil-----			1	Tex.
<i>Mimorista flavidissimalis</i> (Grt.) (Pyraustidae):					
Cactus-----	Mexico-----	1			Tex.
<i>Mimosestes dominicana</i> (Jek.) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi)-----	Dominican Republic, Honduras, Mexico.	3			N. Y., Tex.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae):					
<i>Acacia farnesiana</i> (huisache)-----	Mexico-----	1			Tex.
<i>Molorchus minor</i> (L.) (Cerambycidae):					
<i>Pinus</i> sp. (pine)-----	Hungary-----	1			N. Y.
<i>Moneilema ebenus</i> Fisher var. (Cerambycidae):					
Cactus-----	Mexico-----			1	Tex.
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Cattleya</i> sp. (orchid)-----	Jamaica-----			1	Fla.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn)-----	Mexico-----	14			Tex.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus grandis</i> (pummelo)-----	Philippines, Tahiti-----		2		Calif.*
<i>Nerium oleander</i> (oleander)-----	Bahamas-----	1			Fla.*
<i>Mormidea v-luteum</i> (Licht) (Pentatomidae):					
<i>Cattleya warneri</i> (orchid)-----	Brazil-----			1	Calif.*
Orchid-----	do-----			1	Fla.
<i>Myelois ceratoniae</i> Zell. (Phycitidae):					
<i>Malus sylvestris</i> (apple)-----	Italy-----	1			N. Y.
<i>Punica granatum</i> (pomegranate)-----	do-----	1			N. Y.
<i>Tamarindus indica</i> (tamarind)-----	Montserrat, Puerto Rico-----	2			N. Y.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
Orchid-----	Mexico-----			1	Tex.
<i>Nabis alternatus</i> Parsh. (Nabidae):					
<i>Brassica</i> sp. (mustard)-----	do-----	1			Tex.
<i>Napomyza lateralis</i> (Fall.) (Agromyzidae):					
<i>Cichorium endivia</i> (endive)-----	Belgium-----	1			N. Y.

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<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
<i>Dalbergia</i> sp. (rosewood)-----	Brazil-----	1-----			N. Y.
<i>Musa paradisiaca sapientum</i> (banana)-----	Costa Rica, Guatemala-----	2-----			Calif.*, Md.
Orchid-----	Honduras-----			1-----	Tex.
<i>Nemapogon granelia</i> (L.) (Tineidae):					
<i>Anemone</i> sp.-----	Netherlands-----	1-----		1-----	Minn., N. Y.
<i>Gladiolus</i> sp.-----	do-----	1-----			Pa.
<i>Tulipa</i> sp. (tulip)-----	do-----			1-----	Tex.
<i>Neocattarus vegetus</i> Dist. (Lygaeidae):					
Orchid-----	Mexico-----			1-----	Tex.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	80-----			Tex.
<i>Nysius basalis</i> Dallas (Lygaeidae):					
Orchid-----	do-----			1-----	Tex.
<i>Nysius calliger</i> Stal (Lygaeidae):					
Cactus-----	do-----			1-----	Tex.
<i>Nysius dallasi</i> White (Lygaeidae):					
Airplane-----	Philippines-----		1-----		Hawaii.
<i>Nysius minutus</i> Uhler (Lygaeidae):					
Airplane-----	Mexico-----		1-----		Tex.
<i>Brassica oleracea capitata</i> (cabbage)-----	do-----	2-----			Ariz.
<i>Brassica rapa</i> (turnip)-----	do-----	7-----			Tex.
<i>Brassica</i> sp. (mustard)-----	do-----	16-----			Ariz., Tex.
<i>Lathyrus odoratus</i> (sweet pea)-----	do-----	1-----			Tex.
<i>Physalis</i> sp. (husk tomato)-----	do-----	1-----			Tex.
<i>Portulaca oleracea</i> (purslane)-----	do-----	2-----			Tex.
<i>Raphanus sativus</i> (radish)-----	do-----	6-----			Tex.
<i>Spinacia oleracea</i> (spinach)-----	do-----	2-----			Ariz.
<i>Nysius raphanus</i> Howard (Lygaeidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)-----	do-----	1-----			Tex.
<i>Brassica rapa</i> (turnip)-----	do-----	6-----			Tex.
<i>Brassica</i> sp. (mustard)-----	do-----	17-----			Tex.
<i>Chrysanthemum</i> sp.-----	do-----	3-----			Ariz., Tex.
<i>Persea americana</i> (avocado)-----	do-----	1-----			Tex.
<i>Raphanus sativus</i> (radish)-----	do-----	6-----			Tex.
<i>Nysius simulans</i> Stal (Lygaeidae):					
<i>Brassica oleracea capitata</i> (cabbage)-----	Argentina-----		1-----		Tex.
<i>Ogdoecosta biannularis</i> (Boh.) (Chrysomelidae):					
Cactus-----	Mexico-----			1-----	Tex.
Orchid-----	do-----			1-----	Tex.
<i>Ogdoecosta juvenca</i> (Boh.) (Chrysomelidae):					
Orchid-----	do-----			2-----	Tex.
<i>Olibrus submaculatus</i> Sharp (Phalacridae):					
<i>Ananas comosus</i> (pineapple)-----	do-----	2-----			Tex.
<i>Oosternum costatum</i> Sharp (Hydrophilidae):					
<i>Morus</i> sp. (mulberry)-----	Bahamas-----			1-----	Tex.
Orchid-----	Mexico-----			1-----	Tex.
<i>Oxycarenus bicolor</i> Fieber (Lygaeidae):					
Orchid-----	Australia-----	1-----			Hawaii.
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae):					
<i>Laelia anceps</i> (orchid)-----	Mexico-----			2-----	Tex.
Orchid-----	do-----			2-----	Tex.
<i>Pachycoris torridus</i> (Scop.) (Pentatomidae):					
Orchid-----	do-----			1-----	Tex.
<i>Palaeopus costicollis</i> Marsh. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)-----	Jamaica-----	1-----			N. Y.
<i>Pantomorus godmani</i> (Crotch) (Curculionidae):					
<i>Lathyrus odoratus</i> (sweet pea)-----	Portugal-----			1-----	Mass.
<i>Laurus nobilis</i> (Grecian laurel)-----	Unknown-----	1-----			Mass.
Soil around roots of honeysuckle plant-----	Azores-----			1-----	Mass.
<i>Paraleyrodes naramjæ</i> Dozier (Aleyrodidae):					
<i>Citrus</i> sp.-----	Puerto Rico-----	1-----			Fla.*
<i>Paraleyrodes singularis</i> Bondar (?) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)-----	Mexico-----	2-----			Tex.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia</i> sp.-----	China, Japan, Switzer- land-----	1-----		3-----	Calif.,* N. J., N.Y., Wash.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	Guatemala (?), Mexico Tahiti-----		7-----		Calif.*
<i>Citrus grandis</i> (pummelo)-----	Tabiti-----		1-----		Calif.*
<i>Citrus paradisi</i> (grapefruit)-----	Argentina, Brazil, France-----		4-----		Calif.,* Fla.*

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<i>Parlatoria cinerea</i> Hadden (Coccidae)—Con. <i>Citrus sinensis</i> (orange)-----	Argentina, Brazil, Guatemala, Jamaica.	---	13	---	Calif.*
<i>Parlatoria citri</i> McKenzic (Coccidae): <i>Citrus grandis</i> (pummelo)-----	Philippines-----	---	1	---	Calif.*
<i>Parlatoria crotonis</i> Dougl. (Coccidae): <i>Codiaeum</i> sp. (croton)-----	Soldier's mail-----	---	---	1	N. J.
<i>Parlatoria oleae</i> (Colvee) (Coccidae): <i>Malus sylvestris</i> (apple)-----	Italy, Lebanon-----	3	---	---	N. Y.
<i>Prunus domestica</i> (plum)-----	Argentina, Portugal, Turkey.	4	2	---	Mass., N. Y.
<i>Prunus persica</i> (peach)-----	Argentina-----	1	---	---	N. Y.
<i>Pyrus communis</i> (pear)-----	do-----	1	---	---	N. Y.
<i>Sorbus domestica</i> (service tree)-----	Italy-----	1	---	---	N. Y.
<i>Vitis</i> sp. (grape)-----	do-----	---	---	1	N. J.
<i>Parlatoria pseudaspidiotus</i> Ldgr. (Coccidae): Orchid-----	Canal Zone-----	---	---	1	P. R.
<i>Vanda joaquimiae</i> (orchid)-----	Canal Zone, Philippines-----	---	---	4	Calif.,* Hawaii,* N. J.
<i>Vanda teres</i> -----	do-----	---	---	4	Calif.,* Tex.
<i>Vanda</i> sp-----	Canal Zone-----	---	---	1	Tex.
<i>Parlatoria theae</i> Ckll. (Coccidae): <i>Acer</i> sp. (maple)-----	Japan-----	---	---	6	Calif.,* Wash.
<i>Prunus</i> sp-----	do-----	---	---	2	Calif.,* Wash.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae): <i>Citrus aurantifolia</i> (sour lime)-----	Puerto Rico (?)-----	1	---	---	Fla.*
<i>Citrus grandis</i> (pummelo)-----	China, Malay States, Philippines, Siam.	2	2	---	Calif.,* Hawaii.
<i>Citrus paradisi</i> (grapefruit)-----	Thailand-----	1	---	---	N. Y.
<i>Citrus reticulata</i> (tangerine)-----	China, Philippines-----	---	2	---	Calif.*
<i>Citrus sinensis</i> (orange)-----	China-----	1	---	---	Minn.
<i>Paroxyna sororcula</i> (Wied.) (Tephritidae): Airplane-----	Mexico (?)-----	---	1	---	Tex.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae): <i>Hibiscus</i> sp-----	Hawaii-----	---	---	1	Calif.*
<i>Pealius rhododendri</i> Takah. (Aleyrodidae): <i>Rhododendron</i> sp-----	Japan-----	---	---	1	Hawaii.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae): <i>Gossypium</i> sp. (cottonseed)-----	Brazil, British West Indies, Hawaii, Italy, Mexico, St. Kitts, Venezuela.	21	---	1	Calif.,* D. C., Fla.,* Mass., N. J., N. Y., Tex., Wash.
<i>Gossypium</i> sp. (cotton; gin motes)-----	Brazil-----	1	---	---	Tex.
<i>Gossypium</i> sp. (cotton boll)-----	Hawaii, Italy-----	2	---	---	Calif.,* N. Y.
<i>Gossypium</i> sp. (seed cotton)-----	Egypt-----	2	---	---	Ohio.
<i>Hibiscus esculentus</i> (okra)-----	Cyprus, Dominican Republic, Puerto Rico.	2	---	1	Mich., N. Y.
<i>Periphyllus horridus</i> Theobald (?) (Aphidae): <i>Acer palmatum</i> (Japanese maple)-----	Netherlands-----	---	---	2	N. J.
<i>Acer</i> sp. (maple)-----	do-----	---	---	10	N. J.
<i>Phalonia zephyrana</i> (Treit.) (Phaloniidae): <i>Daucus carota</i> (carrot)-----	Italy-----	---	1	---	Md.
<i>Phatnoma annulipes concisa</i> Drake (Tingidae): Orchid-----	Mexico-----	---	---	2	Tex.
<i>Phelypera distigma</i> Boh. (Curculionidae): <i>Laelia anceps</i> (orchid)-----	do-----	---	---	1	Tex.
Orchid-----	do-----	---	---	1	Tex.
<i>Phenacaspis sandwicensis</i> Fullaway (?) (Coccidae): <i>Cocos nucifera</i> (coconut)-----	Hawaii-----	8	---	---	Calif.*
<i>Mangifera indica</i> (mango)-----	do-----	2	---	---	Calif.*
<i>Strelitzia</i> sp-----	do-----	1	---	---	Calif.*
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae): <i>Hibiscus</i> sp-----	Bermuda-----	1	---	---	Mass.
<i>Ipomoea</i> sp. (morning glory)-----	Mexico-----	---	---	1	Tex.
<i>Musa paradisiaca sapientum</i> (banana)-----	do-----	1	---	---	Tex.
<i>Pelargonium</i> sp. (geranium)-----	do-----	1	---	---	Tex.
<i>Phlyctinus callosus</i> Boh. (Curculionidae): <i>Vitis</i> sp. (grape)-----	Union of South Africa, unknown.	3	---	---	N. Y., Va.
<i>Phyllobius intrusus</i> Kono (Curculionidae): Soil around dwarf cedar-----	Japan-----	---	---	1	Wash.

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<i>Phyllophaga alquizar</i> Chapin (Scarabaeidae): <i>Ananas comosus</i> (pineapple)-----	Cuba (?)-----	1			N. Y.
<i>Phyllotreta atra</i> (F.) (Chrysomelidae): <i>Crataegus</i> sp.-----	Germany-----			1	N. J.
<i>Phyllotreta cruciferae</i> (Goeze) (Chrysomelidae): <i>Brassica oleracea botrytis</i> (cauliflower)-----	Belgium-----		1		Pa.
<i>Brassica oleracea capitata</i> (cabbage)-----	England-----		1		Tex.
<i>Phyllotreta undulata</i> (Kutsch.) (Chrysomelidae): <i>Crataegus</i> sp.-----	Germany-----			1	N. J.
Shrub-----	Netherlands-----			1	N. J.
<i>Phymatodes lividus</i> Rossi (Cerambycidae): <i>Castanea</i> sp. (chestnut)-----	Italy-----	1			N. Y.
<i>Physonota attenuata</i> Boh. (Chrysomelidae): <i>Lycopersicon esculentum</i> (tomato)-----	Mexico-----	1			Tex.
Orchid-----	do-----			1	Tex.
<i>Physonota mexicana</i> Boh. (Chrysomelidae): <i>Musa paradisiaca sapientum</i> (banana)-----	do-----	1			Calif.*
<i>Phytobius quadrituberculatus</i> (F.) (Curculionidae): <i>Crataegus</i> sp.-----	Germany-----			1	N. J.
Moss and forest litter around rhododendron-----	Netherlands-----			1	N. J.
<i>Phytomyza atricornis</i> Meig. (Agromyzidae): <i>Cichorium endivia</i> (endive)-----	Belgium-----	1			N. Y.
<i>Phaseolus vulgaris</i> (kidney bean)-----	Costa Rica-----		1		Calif.*
<i>Phytomyza obscurella nigritella</i> Zett. (Agromyzidae): <i>Nepeta cataria</i> (catnip)-----	Canada-----			1	N. Y.
<i>Pieris brassicae</i> (L.) (Pieridae): <i>Brassica oleracea capitata</i> (cabbage)-----	England, France-----		2		N. Y., Va.
<i>Pinnaspis buri</i> (Bouche) (Coccidae): <i>Anthurium</i> spp-----	Guatemala-----			1	Calif.*
<i>Strelitzia</i> sp-----	Hawaii-----	1			Calif.*
<i>Syngonium</i> sp-----	Haiti-----			1	Fla.*
<i>Pityogenes chalcographus</i> (L.) (Scolytidae): <i>Picea</i> sp. (spruce)-----	Germany, Sweden-----	2			N. Y.
<i>Pinus</i> sp. (pine)-----	Czechoslovakia, Sweden-----	5			N. Y.
<i>Pityophthorus coronarius</i> Blkm. (Scolytidae): <i>Sambucus</i> sp-----	Mexico-----	1			N. Y.
<i>Plagiodera atritarsis</i> Stal (Chrysomelidae): <i>Lycaste</i> sp. (orchid)-----	Guatemala-----			1	Tex.
Orchid-----	Mexico-----			1	Tex.
<i>Plagiodera congesta</i> Stal (Chrysomelidae): Orchid-----	do-----			2	Tex.
<i>Plagiodera semivittata</i> Stal (Chrysomelidae): Orchid-----	do-----			5	Tex.
<i>Plagiodera thymaloides</i> Stal (Chrysomelidae): Orchid-----	do-----			7	Tex.
<i>Platoeceticus symmicta</i> Dyar (Psychidae): <i>Ananas comosus</i> (pineapple)-----	do-----	1			Tex.
<i>Musa paradisiaca sapientum</i> (banana)-----	Guatemala, Mexico-----	2			La., Tex.
<i>Platycarenum humilis</i> (H.-S.) (Pentatomidae): <i>Musa paradisiaca sapientum</i> (banana)-----	Costa Rica, Mexico-----	4			Calif.*
Orchid-----	Mexico-----			1	Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae): <i>Ananas comosus</i> (pineapple)-----	Cuba-----	3			Tex.
<i>Capsicum frutescens</i> (pepper)-----	Mexico-----	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	2			Tex.
<i>Platynota rostrana</i> (Wlk.) (?) (Tortricidae): <i>Cajanus cajan</i> (pigeonpea)-----	Puerto Rico-----	1			N. Y.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae): <i>Capsicum frutescens</i> (pepper)-----	Mexico-----	107			Ariz.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	2			Tex.
<i>Platypus rugulosus</i> Chapuis (Platypodidae): Log-----	do-----	3			Calif.*
<i>Pnytria scabiei</i> (Hopkins) (Fungivoridae): Soil around astilbe roots-----	Netherlands-----			1	N. J.
<i>Pogonocherus fasciculatus</i> (Deg.) (Cerambycidae): Conifer slat-----	Finland-----	1			Pa.
<i>Pinus</i> sp. (pine)-----	Sweden-----	1			N. Y.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae): <i>Cupressus</i> spp-----	Japan-----			1	Calif.*
<i>Pinus</i> sp. (pine)-----	Japan, Korea-----			11	Calif.*, Hawaii, Oreg., Wash.

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<i>Polydontomyia curvipes</i> (Wied.) (Syrphidae): <i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Polygraphus poligraphus</i> (L.) (Scolytidae): <i>Picea</i> sp. (spruce)	Norway	1			N. Y.
<i>Premnotrypes solani</i> Pierce (?) (Curculionidae): <i>Solanum tuberosum</i> (potato)	Peru	1			Fla.*
<i>Premnotrypes vorax</i> (Hust.) (Curculionidae): <i>Solanum tuberosum</i> (potato)	Ecuador		1		N. Y.
<i>Prodenia eridania</i> (Cram.) (Phalaenidae): <i>Capsicum frutescens</i> (pepper)	Cuba	1			N. Y.
<i>Prodenia ornithogalli</i> Guen. (Phalaenidae): <i>Dahlia</i> sp.	Bermuda	1			N. Y.
<i>Oryza sativa</i> (rice)	India	1			Ala.
<i>Protopulvinaria longivalvata</i> Green (Coccidae): <i>Anthurium</i> sp.	British Guiana	1			P. R.
<i>Cattleya mossiae</i> (orchid)	Venezuela			1	Calif.*
<i>Gardenia augusta</i> (gardenia)	Mexico	1			Tex.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae): <i>Gardenia augusta</i> (gardenia)	Cuba, Puerto Rico, Venezuela.	6			Fla.*, N. Y.
<i>Laurus nobilis</i> (Grecian laurel)	Barbados	1			Fla.*
<i>Plumeria</i> sp.	Canal Zone	1			Fla.*
<i>Pseudaonidia clavigera</i> Ckll. (Coccidae): <i>Hibiscus</i> sp.	Hawaii			1	Calif.*
<i>Pseudaonidia curculiginis</i> Green (Coccidae): <i>Cymbidium atropurpureum</i> (orchid)	Philippines			1	Calif.*
<i>Pseudaonidia tessera</i> (de Charm.) (Coccidae): Cutting	Jamaica	1			Fla.*
<i>Smilax</i> sp.	Trinidad			1	D. C.
<i>Vanda</i> sp. (orchid)	do			1	Tex.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae): <i>Citrus aurantifolia</i> (sour lime)	Argentina, Panama		2		Calif.*
<i>Citrus limon</i> (lemon)	Argentina, East Africa		3		Calif.*
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae): <i>Brassavola</i> sp. (orchid)	Honduras			2	Fla., N. J.
<i>Cattleya skinneri</i> (orchid)	Costa Rica			1	Calif.*
<i>Cattleya</i> sp.	British Honduras, Salvador.			2	Tex.
<i>Epidendrum atropurpureum</i> (orchid)	Guatemala			1	Calif.*
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
<i>Laelia</i> sp.	Costa Rica, Mexico			2	Tex.
<i>Oncidium</i> sp. (orchid)	Mexico			1	Tex.
Orchid	Costa Rica, Guatemalâ, Salvador.			4	Fla.*, Tex.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae): <i>Vanda luzonica</i> (orchid)	Philippines			1	Calif.*
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae): <i>Ananas comosus</i> (pineapple)	Hawaii	1			Calif.*
<i>Cocos nucifera</i> (coconut)	Hawaii, Philippines	7	1	1	Calif.*
<i>Pseudococcus pini</i> (Kuw.) (Coccidae): <i>Pinus</i> sp. (pine)	Japan			2	Calif.*, Wash.
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae): <i>Cassia</i> sp.	Mexico			1	Ariz.
<i>Pseudoparlatoria ostreata</i> Ckll. (Coccidae): <i>Odontoglossum grande</i> (orchid)	Guatemala			1	Calif.*
<i>Oncidium urophyllum</i> (orchid)	Leeward Islands			1	N. J.
<i>Opuntia</i> sp.	Guatemala			1	N. J.
<i>Philodendron</i> sp.	Mexico			1	Calif.*
<i>Psila rosae</i> (F.) (Psilidae): <i>Apium graveolens</i> (celery)	England, Ireland, Sweden.		4		Ala., Pa., Tex.
<i>Apium graveolens rapaceum</i> (celeriac)	Netherlands, Norway, Sweden.		4		La., Tex.
<i>Brassica rapa</i> (turnip)	England		1		Tex.
<i>Cynara cardunculus</i> (cardoon)	Italy			1	N. Y.
<i>Daucus carota</i> (carrot)	England, France, Ire- land, Martinique, Netherlands, Spain, Sweden, unknown, Wales.		26		Calif.*, La., N. Y., Tex.
<i>Pastinaca sativa</i> (parsnip)	Denmark		1		Tex.
Soil with chrysanthemum plant	France			1	N. Y.
Soil with carrots	England, Scotland		3		Tex.

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<i>Pteleobius vittatus</i> (F.) (Scolytidae):					
<i>Ulmus</i> sp. (elm)	England	1			N. Y.
<i>Ptochoryctis tsugensis</i> Kearf. (Xyloryctidae):					
<i>Pinus</i> sp. (pine)	Japan			1	Calif.*
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Vanda</i> sp. (orchid)	Philippines			1	Calif.*
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
Orchid	Mexico			2	Tex.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper)	Italy	1			N. Y.
<i>Sorghum vulgare</i> (sorghum)	India		1		Mass.
<i>Sorghum vulgare technicum</i> (broomcorn)	Hungary, Italy	3			Mass., N. Y., Ohio.
<i>Raphidopalpa femoralis</i> Mots. (Chrysomelidae):					
<i>Juniperus</i> sp. (juniper)	Japan			2	Wash.
<i>Renocis mexicanus</i> Blkm. (Scolytidae):					
<i>Merostachys</i> sp.	Mexico	1			Ariz.
<i>Reticulitermes flavipes</i> (Kol.) (Rhinotermitidae):					
<i>Laelia anceps</i> (orchid)	do			1	Tex.
Orchid	do			1	Tex.
Soil around citrus tree	do			1	Tex.
<i>Rhagoletis alternata</i> (Fall.) (Tephritidae):					
<i>Rosa canina</i> (dog rose)	Sweden			1	Ohio.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Czechoslovakia, France, Italy, Portugal, Swit- zerland.	6	1		Ill., N. Y.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Unknown	2			N. Y.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Malus sylvestris</i> (apple)	Mexico	2			Tex.
<i>Rhagoletis pomonella</i> (Walsh) (?) (Tephritidae):					
<i>Crataegus</i> sp. (thornapple)	do	1			Tex.
<i>Malus sylvestris</i> (apple)	do	1			Tex.
<i>Rhagoletis striatella</i> (?) Wulp (Tephritidae):					
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Rhinoncus bruchoides</i> (Hbst.) (Curculionidae):					
<i>Crataegus</i> sp.	Germany			1	N. J.
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Rhinoncus pericarpus</i> (L.) (Curculionidae):					
Moss and soil packing	Norway	1			N. Y.
<i>Rhinoncus perpendicularis</i> (Reich.) (Curculionidae):					
<i>Vitis</i> sp. (grape)	Italy			1	N. J.
<i>Rhopalophora incrustata</i> Chevr. (Cerambycidae):					
<i>Sambucus</i> sp.	Mexico	1			N. Y.
<i>Rhopalosiphoninus tulipaella</i> Theob. (Aphidae):					
<i>Crocus</i> sp.	Netherlands	1			Fla.*
<i>Tulipa</i> sp. (tulip)	do	1			Fla.*
<i>Rhopobota naevana</i> (Hbn.) (Olethreutidae):					
<i>Vaccinium</i> sp.	Finland			1	Wash.
<i>Rhynchaenus fagi</i> L. (Curculionidae):					
<i>Crataegus</i> sp.	Germany			1	N. J.
<i>Ribua innoxia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	4			N. Y., Tex.
<i>Rutidosoma fallax</i> (Otto) (Curculionidae):					
<i>Crataegus</i> sp.	Germany			2	N. J.
<i>Scolopostethus affinis</i> (Schill.) (Lygaeidae):					
<i>Primula</i> sp.	England			1	Wash.
<i>Scolytus intricatus</i> (Ratz.) (Scolytidae):					
<i>Quercus</i> sp. (oak)	Netherlands	1			Pa.
<i>Scolytus rugulosus</i> Ratz. (Scolytidae):					
<i>Prunus persica</i> (peach)	Mexico	1			Calif.
<i>Sericophanes ocellatus</i> Reuter (Miridae):					
<i>Dianthus</i> sp. (pink)	do	2			Tex.
<i>Sesamia cretica</i> Led. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy	16			Mass., N. Y.
<i>Setomorpha rutella</i> (Zell.) (Tineidae):					
<i>Areca catechu</i> (betel palm)	Philippines	1			Hawaii.*
<i>Lilium</i> sp. (lily)	Mexico			1	Tex.
Orchid	do			1	Tex.
<i>Stenocactus</i> sp. (cactus)	do			1	Tex.

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<i>Sibine stimulea</i> (Clem.) (Limaecodidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Costa Rica-----	1			Calif.*
<i>Sibinia potentillae</i> Germ. (Curculionidae):					
Moss and forest litter around rhododendron-----	Netherlands-----			1	N. J.
<i>Sinorylon anale</i> Lesne (Bostrichidae):					
<i>Gossypium</i> sp. (cottonseed)-----	Anglo-Egyptian Sudan-----	1			Va.
Twig basket-----	Philippines-----	1			Hawaii.*
Wood-----	India-----	3			N. Y.
<i>Sinoxylon sexdentatum</i> (Oliv.) (Bostrichidae):					
<i>Nerium</i> sp-----	Portugal-----	1			Va.
<i>Sisamnes contractus</i> Dist. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)-----	Mexico-----	2			Tex.
Orchid-----	do-----			1	Tex.
<i>Sitona lineata</i> (L.) (Curculionidae):					
<i>Malus sylvestris</i> (apple)-----	Netherlands-----		1		N. Y.
<i>Narcissus</i> sp-----	do-----			1	N. J.
<i>Rhododendron</i> sp-----	do-----			1	N. J.
Shrub-----	do-----			1	N. J.
<i>Sixeonotus luteiceps</i> Reut. (Miridae):					
Cactus-----	Mexico-----			11	Tex.
<i>Mammillaria compressa rosea</i> (cactus)-----	do-----			1	Tex.
<i>Mammillaria magnimamma</i> -----	do-----			1	Calif.*
<i>Mammillaria</i> sp-----	do-----			1	Tex.
<i>Sosylus terminalis</i> Sharp (Colydiidae):					
<i>Spondias</i> sp-----	Venezuela-----	1			N. Y.
<i>Sparteus villosus</i> (F.) (Bruchidae):					
<i>Cytisus scoparius</i> (Scotch broom)-----	Denmark-----			1	N. Y.
<i>Laburnum anagyroides</i> -----	Italy-----			1	D. C.
<i>Specularius impressithorax</i> (Pic) (Bruchidae):					
<i>Erythrina</i> sp-----	Belgian Congo-----			1	N. J.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae):					
<i>Cajanus cajan</i> (pigeonpea)-----	Puerto Rico-----	3			N. Y.
<i>Stenoma anonella</i> Sepp. (Stenomidae):					
<i>Annona muricata</i> (sourson)-----	Honduras, Venezuela-----	1	1		La., N. Y.
<i>Stenoma catenifer</i> (Wlsm.) (Stenomidae):					
<i>Persea americana</i> (avocado)-----	Canal Zone, Panama, Mexico, Nicaragua, Salvador, Venezuela.	16	2		Ala., Calif., N. Y., Tex
<i>Stenygrinum quadrinotatum</i> Bates (Cerambycidae):					
<i>Gossypium</i> sp. (seed cotton)-----	India-----	1			N. Y.
<i>Stephanitis pyroides</i> (Scott) (Tingidae):					
<i>Rhododendron</i> sp-----	Japan-----			2	Wash.
<i>Stephanoderes lecontei</i> Hopk. (?) (Scolytidae):					
<i>Catasetum</i> sp. (orchid)-----	Canal Zone-----			1	N. J.
<i>Stephanopachys rugosus</i> (Oliv.) (Bostrichidae):					
<i>Pinus</i> sp. (pine)-----	Cuba-----	1			N. Y.
<i>Stilodes caelebs</i> (Stal) (Chrysomelidae):					
Orchid-----	Mexico-----			1	Tex.
<i>Strophosoma melanogrammus</i> Forst. (Curculionidae):					
<i>Dianthus</i> sp-----	Denmark-----			1	N. J.
<i>Strophosoma rufipes</i> Steph. (Curculionidae):					
Moss and forest litter around rhododendron-----	Netherlands-----			1	N. J.
<i>Synchlora aerata</i> (F.) (Geometridae):					
<i>Chrysanthemum parthenium</i> (feverfew)-----	Mexico-----	1			Tex.
Herb-----	Bermuda-----	1			Va.
<i>Systole gepiculata</i> Foerst. (Eurytomidae):					
<i>Coriandrum sativum</i> (coriander)-----	Mexico-----	1			Ariz.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Erica</i> sp. (heath)-----	England-----			1	N. J.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Canavalia</i> sp-----	Hawaii-----	6			Calif.*
<i>Gardenia</i> sp-----	do-----	2			Calif.*
Multiflowered lei-----	do-----	1			Wash.
<i>Taeniothrips simplex</i> (Mor.) (Thripidae):					
<i>Gladiolus</i> sp-----	Canada, Central America, Mexico, Netherlands, unknown.	1	2	3	La., N. J., Tex.
<i>Rosa</i> sp. (rose)-----	Central America-----		1		La.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)-----	Mexico-----	1			Tex.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948
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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
" <i>Targionia</i> " <i>bromiliae</i> (Leon.) (Coccidae): <i>Ananas comosus</i> (pineapple).....	Azores, Mexico.....	20	—	—	N. Y., Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae): <i>Dioscorea</i> sp. (yam).....	Barbados, Dominica, Puerto Rico, St. Kitts, St. Vincent, Virgin Islands, West Indies.	8	—	—	Fla.*, Ill., N. Y.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae): Gramineae.....	Guam.....	1	—	—	Calif.*
Grass.....	Saipan.....	1	—	—	Calif.*
<i>Gynerium</i> sp.....	Costa Rica.....	—	—	1	D. C.
<i>Saccharum officinarum</i> (sugarcane).....	Puerto Rico.....	3	—	—	N. Y.
<i>Targionia yuccarum</i> (Ckll.) (Coccidae): <i>Sedum</i> sp.....	Mexico.....	—	—	1	Calif.*
<i>Tempyra biguttula</i> Stal (Lygaeidae): <i>Laelia anceps</i> (orchid).....	do.....	—	—	1	Tex.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae): <i>Laelia anceps</i> (orchid).....	do.....	—	—	1	Tex.
Orchid.....	do.....	—	—	9	Tex.
<i>Tenthecoris balloui</i> Hsiao & Sailer (Miridae): <i>Miltonia vexillaria</i> (orchid).....	Colombia.....	—	—	1	Calif.*
<i>Tenthecoris bicolor</i> Scott (Miridae): <i>Cattleya harrisoniana</i> (orchid).....	Brazil.....	—	—	1	Calif.*
<i>Cattleya labiata</i>	do.....	—	—	2	N. J.
<i>Cattleya</i> sp.....	do.....	—	—	5	N. J.
<i>Laelia purpurata</i> (orchid).....	do.....	—	—	3	Calif.*, N. J.
<i>Laelia</i> sp.....	do.....	—	—	2	N. J.
Orchid.....	do.....	—	—	5	Fla., P. R., Tex., Wash.
<i>Sophrionitis</i> sp. (orchid).....	do.....	—	—	1	N. J.
<i>Tenthecoris columbiensis</i> Hsiao & Sailer (Miridae): <i>Cattleya</i> sp. (orchid).....	Colombia.....	—	—	1	Fla.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae): <i>Cattleya</i> sp.....	Guatemala.....	—	—	1	Tex.
<i>Laelia anceps</i> (orchid).....	Mexico.....	—	—	1	Tex.
<i>Laelia</i> sp.....	Honduras, Mexico.....	—	—	3	Tex.
Orchid.....	Mexico.....	—	—	14	Tex.
<i>Tenthecoris distinctus</i> Hsiao & Sailer (Miridae): Orchid.....	Guatemala, Mexico.....	—	—	13	Calif.*, Fla., Tex.
<i>Stanhopea</i> sp. (orchid).....	Guatemala.....	—	—	1	Fla.
<i>Tenthecoris distinguendus</i> Hsiao & Sailer (Miridae): <i>Epidendrum atropurpureum</i> (orchid).....	Canal Zone.....	—	—	2	Fla.*
<i>Tenthecoris exitiosus</i> (Dist.) (Miridae): <i>Cattleya</i> sp. (orchid).....	Brazil, Colombia.....	—	—	6	Fla., N. J.
Orchid.....	Brazil.....	—	—	1	N. J.
<i>Tenthecoris venezuelensis</i> (Hsiao & Sailer) (Miridae): <i>Cattleya gaskelliana</i> (orchid).....	Venezuela.....	—	—	2	N. J.
<i>Cattleya gigas</i>	Colombia.....	—	—	1	Fla.
<i>Cattleya mossiae</i>	Venezuela.....	—	—	2	Fla.
<i>Cattleya percivaliana</i>	do.....	—	—	2	Fla., N. J.
<i>Cattleya</i> sp.....	Soldier's mail, Venezu- ela.	—	—	22	Fla., N. J.
Orchid.....	Argentina, Brazil, Vene- zuela.	—	—	6	La., N. J., P. R.
<i>Tenthecoris vestitus</i> (Dist.) (Miridae): <i>Odontoglossum grande</i> (orchid).....	Guatemala.....	—	—	1	Fla.
Orchid.....	Costa Rica.....	—	—	1	Fla.
<i>Tephritis genalis</i> (Thoms.) (Tephritidae): Airplane.....	Mexico.....	—	1	—	Tex.
<i>Tetraleurodes mori</i> (Q.) (Aleyrodidae): <i>Citrus sinensis</i> (orange).....	do.....	5	—	—	Tex.
<i>Citrus</i> sp.....	do.....	4	—	—	Tex.
<i>Dahlia</i> sp.....	do.....	1	—	—	Ariz.
<i>Hibiscus</i> sp.....	do.....	—	—	1	Ariz.
Leaf.....	do.....	1	—	—	Ariz.
<i>Psidium guajava</i> (guava).....	do.....	1	—	—	Tex.

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		Consumption	Nonentry	Propagation	
<i>Texananus spatulatus</i> (Van Duzee) (Cicadellidae):					
<i>Lilium</i> sp. (lily)	do	1			Tex.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Cichorium intybus</i> (escarol)	France		1		N. Y.
<i>Thrips fuscipennis</i> Hal. (Thripidae):					
<i>Dianthus</i> sp. (carnation)	England	1			N. Y.
<i>Thyanta perditor</i> (F.) (Pentatomidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			N. Y.
<i>Trialeurodes vaporariorum</i> (Westw.) (Aleyrodidae):					
<i>Ageratum</i> sp	Netherlands			1	N. J.
Leaf	Brazil			1	D. C.
<i>Trichobaris mucorea</i> (Lec.) (Curculionidae):					
<i>Solanum melongena</i> (eggplant)	Mexico	2			Ariz.
<i>Trionymus lounsburyi</i> (Brain) (Coccidae):					
<i>Trichocaulon officinale</i>	Union of South Africa			1	Calif.*
<i>Trochuda raspa</i> (Druee) (Pericopidae):					
Orchid	Mexico			1	Tex.
<i>Tychius inermis</i> Csy. (Curculionidae):					
<i>Tillandsia usneoides</i> (Spanish moss)	do	1			Tex.
<i>Tillandsia</i> sp	do			1	Tex.
<i>Typhlocyba froggatti</i> Bak. (Cicadellidae):					
<i>Malus sylvestris</i> (apple)	Argentina	1			N. Y.
<i>Tythomimus rufotestaceus</i> Champ. (Curculionidae):					
Orchid	Mexico			1	Tex.
<i>Ulopa reticulata</i> (F.) (Cicadellidae):					
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Bahamas, Jamaica	1	1		Fla.*
<i>Citrus sinensis</i> (orange)	Colombia, Trinidad		2		Fla.*
<i>Citrus</i> sp	Brazil, Curacao	1	1		Fla.*
<i>Unaspis euonymi</i> (Comst.) (Coccidae):					
<i>Euonymus</i> sp	Mexico	1			Tex.
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange)	Japan	1			Minn.
<i>Vesiculaphis caricis</i> (Fullaway) (Aphidae):					
<i>Rhododendron</i> sp	do			1	Calif.*
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Achras zapota</i> (sapodilla)	Haiti	1			Fla.*
<i>Antidesma bunius</i> (bignay China laurel)	Canal Zone			1	Fla.
<i>Aspasia</i> sp. (orehid)	do			1	N. J.
Bay (?)	Puerto Rico	1			Fla.*
<i>Broughtonia</i> sp. (orehid)	Jamaica			1	Fla.
<i>Citrus</i> sp	Puerto Rico	1			Fla.*
<i>Epidendrum ciliare</i> (orehid)	Leeward Islands			1	N. J.
<i>Epidendrum</i> sp	British Guiana			1	N. J.
<i>Gongora</i> sp. (?) (orehid)	Trinidad			1	N. J.
<i>Laurus nobilis</i> (Greeian laurel)	Barbados	1			Fla.*
<i>Oncidium</i> sp. (orehid)	Canal Zone			2	Fla., N. J.
Orchid	British Guiana, French Guiana, Trinidad.			4	Ala., Fla., N. J., P. R.
<i>Schomburgkia</i> sp. (orehid)	British Guiana			1	N. J.
<i>Stanhopea</i> sp. (orehid)	do			1	N. J.
<i>Trigonidium macranthum</i> (orehid)	Brazil			1	D. C.
<i>Xanthonia guatemalensis</i> Jae. (Chrysomelidae):					
<i>Rosa</i> sp	Guatemala	1			Tex.
<i>Xyleborus testaceus</i> (Wlk.) (Scolytidae):					
<i>Acacia koa</i> (koa acacia)	Hawaii	1			Calif.*
<i>Xylobiops parilis</i> Lesne (Bostrichidae):					
Bamboo	Mexico	1			Ariz.
<i>Xylobiops texanus</i> (Horn) (Bostrichidae):					
Airplane	do		2		Tex.
<i>Xylopsocus castanoptera</i> (Fairm.) (Bostrichidae):					
Twig	Hawaii	1			Calif.*

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		Consump- tion	Nonentry	Propaga- tion	
<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae):					
Bean.....	Mexico, Peru.....	8	---	1	D. C., Tex.
<i>Chrysanthemum maximum</i> (shasta daisy).....	Mexico.....	1	---	---	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1	---	---	Tex.
Orchid.....	do.....	---	---	1	Tex.
Mandado bag.....	do.....	1	---	---	Tex.
<i>Phaseolus</i> sp. (bean).....	do.....	1	---	---	Calif.*
<i>Zamagiria deia</i> Dyar (Phycitidae):					
<i>Achras zapota</i> (sapodilla).....	Cuba.....	1	---	---	N. Y.
<i>Zygogramma obscuofasciata</i> Jac. (Chrysomeli- dae):					
Orchid.....	Mexico.....	---	---	1	Tex.
<i>Zygogramma piceicollis</i> (Stal) (Chrysomelidae):					
<i>Epidendrum</i> sp. (orchid).....	do.....	---	---	1	Calif.*
<i>Laelia majalis</i> (orchid).....	do.....	---	---	1	Tex.
<i>Laelia</i> sp.....	do.....	---	---	1	Tex.
Orchid.....	do.....	---	---	2	Tex.

Hosts and insects

ACACIA:

Mimosestes sallaei (Coleoptera)
Xyleborus testaceus (Coleoptera)

ACER:

Parlatoria theae (Homoptera)
Periphyllus horridus (?) (Homoptera)

ACHIMENES:

Hofmannophila pseudospretella (Lepidoptera)

ACHRAS:

Asterolecanium pustulans (Homoptera)
Anastrepha serpentina (Diptera)
Coccus viridis (Homoptera)
Vinsonia stellifera (Homoptera)
Zamagiria deia (Lepidoptera)

AERIDES:

Callispa duodecimmaculata (Coleoptera)

AGERATUM:

Trialeurodes vaporariorum (Homoptera)

ALLIUM SATIVUM:

Aceria tulipae (Acarina)
Brachycerus albidentatus (Coleoptera)
Brachycerus algerus (Coleoptera)

ALYXIA:

Ceroplastes rubens (Homoptera)
Lepidosaphes uniloba (Homoptera)

ANANAS:

Alpheias conspirata (Lepidoptera)
Ereunetis flavistrata (Lepidoptera)
Lyctus caribeanus (Coleoptera)
Metamasius sericeus carbonarius (Coleoptera)
Olibrus submaculatus (Coleoptera)
Phyllophaga alquizar (Coleoptera)
Platoeceticus symmicta (Lepidoptera)
Platynota rostrana (Lepidoptera)
Pseudococcus palmarum (Homoptera)
Ribua innoxia (Lepidoptera)
Sisamnes contractus (Hemiptera)
"Targionia" *bromiliae* (Homoptera)

ANEMONE:

Nemapogon granella (Lepidoptera)

ANNONA:

Aspidiotus destructor (Homoptera)
Stenoma anonella (Lepidoptera)
Talponia batesi (Lepidoptera)

ANTHURIUM:

Pinnaspis buxi (Homoptera)
Protopulvinaria longivalvata (Homoptera)

ANTIDESMA:

Vinsonia stellifera (Homoptera)

ANTIRRHINUM:

Frankliniella insularis (Thysanoptera)

APIUM:

Barathra brassicae (Lepidoptera)
Euleia heraclei (Diptera)
Lixus mucronatus (Coleoptera)
Psila rosae (Diptera)

ARACEAE:

Chrysomphalus nigropunctatus (Homoptera)

ARECA:

Setomorpha rutella (Lepidoptera)

ARTOCARPUS:

Aleurocanthus woglumi (Thysanoptera)

ASPASIA:

Vinsonia stellifera (Homoptera)

BAMBOO:

Amphicerus cornutus (Coleoptera)
Asterolecanium bambusae (Homoptera)
Dinoderus brevis (Coleoptera)
Dinoderus pilifrons (Coleoptera)
Eucalandra setulosa (Coleoptera)
Xylobiops parilis (Coleoptera)

BETA VULGARIS:

Cassida vittata (Coleoptera)
Mecinus pyraister (Coleoptera)

BETA VULGARIS CICLA:

Conotrachelus seniculus (Coleoptera)
Creontiades femoralis (Hemiptera)

BORASSUS:

Halimococcus borassi (Homoptera)

BRASSAVOLA:

Furcaspis biformis (Homoptera)
Pseudischinaspis alienus (Homoptera)

BRASSICA OLERACEA BOTRYTIS:

Evergestis forficalis (Lepidoptera)
Nysius raphanus (Hemiptera)
Phyllotreta cruciferae (Coleoptera)

BRASSICA OLERACEA CAPITATA:

Elaphria chalconia (Lepidoptera)
Evergestis forficalis (Lepidoptera)
Nysius minutus (Hemiptera)
Nysius simulans (Hemiptera)
Phyllotreta cruciferae (Coleoptera)
Pieris brassicae (Lepidoptera)

BRASSICA RAPA:

Brachyrhinus porcatus (Coleoptera)
Hellula phidilealis (Lepidoptera)
Loxostege similis (Lepidoptera)
Lygus elisus (Hemiptera)

Hosts and insects—Continued

BRASSICA RAPA—Continued

Nysius minutus (Hemiptera)
Nysius raphanus (Hemiptera)
Psila rosae (Diptera)

BRASSICA SP. (mustard)

Barathra brassicae (Lepidoptera)
Cyrtopeltis varians (Hemiptera)
Evergestis rimosalis (Lepidoptera)
Lorostege similalis (Lepidoptera)
Nabis alternatus (Hemiptera)
Nysius minutus (Hemiptera)
Nysius raphanus (Hemiptera)

BROMELIA:

Crophius scabrosus (Hemiptera)

BROUGHTONIA:

Vinsonia stellifera (Homoptera)

BRYOPHYLLUM:

Aleurocanthus woglumi (Homoptera)

CACTUS:

Lepidosaphes philococcus (Homoptera)
Mimorista flavidissimalis (Lepidoptera)
Moneilema ebenus var. (Coleoptera)
Nysius calliger (Hemiptera)
Ogdoecosta biannularis (Coleoptera)
Sireonotus luteiceps (Hemiptera)

CAESALPINIA:

Mimosestes dominicana (Coleoptera)

CAJANUS:

Acanthoscelides armitagei (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Diaprepes abbreviatus (Coleoptera)
Elasmopalpus lignosellus (Lepidoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Platynota rostrana (?) (Lepidoptera)
Sphenarches caffer (Lepidoptera)
Thyanta perditor (Hemiptera)

CALADIUM:

Corcyra cephalonica (Lepidoptera)

CALLUNA:

Chaetarthria seminulum (Coleoptera)

CALOCARPUM:

Anastrepha serpentina (Diptera)

CAMELLIA:

Aspidiotus degeneratus (Homoptera)
Ceroplastes ceriferus (Homoptera)
Ceroplastes japonicus (Homoptera)
Parlatoria camelliae (Homoptera)

CANAVALLA:

Haplothrips gowdeyi (Thysanoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)

CANNABIS:

Coptorhynchus iliganus (Coleoptera)

CAPSICUM:

Ceratitis capitata (Diptera)
Cyrtocapsus caliginus (Hemiptera)
Dacus cucurbitae (Diptera)
Estigmene acrea (Lepidoptera)
Exptochiomera albomaculata (Hemiptera)
Gnoringoschema gudmannella (Lepidoptera)
Ligyrocotis abdominalis (Hemiptera)
Ligyrocotis nitidicollis (Hemiptera)
Liriomyza pusilla (Diptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
Prodenia eridania (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)

CARICA:

Aonidiella inornata (Homoptera)
Dacus dorsalis (Diptera)

CASIMIROA:

Anastrepha ludens (Diptera)

CASSIA:

Caryedon fuscus (Coleoptera)
Pseudodiaspis yuccae (Homoptera)

CASTANEA:

Curculio elephas (Coleoptera)
Laspeyresia splendana (Lepidoptera)
Phymatodes lividus (Coleoptera)

CATASETUM:

Stephanoderes lecontei (Coleoptera)

CATTLEYA:

Amyssonotum rastratum flexum (Hemiptera)
Asterolecanium epidendri (Homoptera)
Autoserica castanea (Coleoptera)
Chrysomphalus tenax (Homoptera)
Clerada apicornis (Hemiptera)
Coccus pseudohesperidum (Homoptera)
Conchaspis angraeci (Homoptera)
Cryphula apicatus (Hemiptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis biformis (Homoptera)
Heraeus cincticornis (Hemiptera)
Lecaniodiaspis dendrobii (Homoptera)
Lygaeus guatemalanus (Hemiptera)
Lygaeus vittiscutis (Hemiptera)
Mecolaemus carvalhoi (Hemiptera)
Microtheca ochroloma (Coleoptera)
Monomerium destructor (Hymenoptera)
Mormidea v-luteum (Hemiptera)
Protopulvinaria longivalvata (Homoptera)
Pseudischnaspis alienus (Homoptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris columbiensis (Hemiptera)
Tenthecoris confusus (Hemiptera)
Tenthecoris exitiosus (Hemiptera)
Tenthecoris venezuelensis (Hemiptera)

CEREUS:

Cactobrosis longipennella (Lepidoptera)

CHRYSANTHEMUM:

Amorbia emigratella (Lepidoptera)
Anuraphis helichrysi (Homoptera)
Aphis medicaginis (Homoptera)
Disonycha leptolineata texana (Coleoptera)
Exptochiomera oblonga (Hemiptera)
Franklinothrips vespiformis (Thysanoptera)
Geocoris flavilineus (Hemiptera)
Iridomyrmex humilis (Hymenoptera)
Ligyrocotis aurivilliana (Hemiptera)
Lygus oblineatus (Hemiptera)
Nysius raphanus (Hemiptera)
Synchlora aerata (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

CICER:

Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Corcyra cephalonica (Lepidoptera)

CICHORIUM:

Napomyza lateralis (Diptera)
Phytomyza atricornis (Diptera)
Thrips angusticeps (Thysanoptera)

CITRUS AURANTIFOLIA:

Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (?) (Diptera)
Chrysomphalus scutiformis (Homoptera)
Coccus viridis (Homoptera)
Dysdercus mimulus (Hemiptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)

CITRUS GRANDIS:

Ceratitis capitata (Diptera)
Leucaspis cockerelli (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria citri (Homoptera)
Parlatoria zizyphus (Homoptera)

CITRUS LIMON:

Leucaspis cockerelli (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)

CITRUS LIMON PONDEROSA:

Ceratitis capitata (Diptera)

CITRUS PARADISI:

Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Aonidiella citrina (Homoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis citri (Homoptera)

CITRUS RETICULATA:

Ceratitis capitata (Diptera)
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)

Hosts and insects—Continued

CITRUS SINENSIS:

Aleurocanthus woglumi (Homoptera)
Aleurotrachelus citri (Homoptera)
Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Aspidiotus excisus (Homoptera)
Aspidiotus palmarum (Homoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Leucaspis cockerelli (Homoptera)
Paraleyrodes singularis (?) (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphi (Homoptera)
Tetraleurodes mori (Homoptera)
Unaspis citri (Homoptera)

CITRUS SP.:

Aleurocanthus woglumi (Homoptera)
Aleurothrixus floccosus (Homoptera)
Aleurotuberculatus aucubae (Homoptera)
Ceroplastes japonicus (Homoptera)
Ceroplastes rubens (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes citrifolii (Homoptera)
Paraleyrodes naramiae (Homoptera)
Tetraleurodes mori (Homoptera)
Unaspis citri (Homoptera)
Vinsonia stellifera (Homoptera)

COCOS:

Aonidiella inornata (Homoptera)
Aspidiotus coryphae (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus spinosus (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus personatus (Homoptera)
Dacus dorsalis (?) (Diptera)
Furcaspis oceanicus (Homoptera)
Phenacaspis sandwicensis (?) (Homoptera)
Pseudococcus palmarum (Homoptera)

CODIAEUM:

Asterolecanium pustulans (Homoptera)
Coccus capparidis (Homoptera)
Lepidosaphes tokionis (Homoptera)
Parlatoria crotonis (Homoptera)

COFFEA:

Coccus viridis (Homoptera)

CORIANDRUM:

Cardioscarta miniaticeps (Homoptera)
Systole geniculata (Hymenoptera)

CORYPHANTHA:

Gerstaeckeria bifasciata (Coleoptera)

CRATAEGUS:

Acalypta musci (Hemiptera)
Apion flavipes (Coleoptera)
Grapholitha packardii (Lepidoptera)
Gymnaetron beccabungae nigrum (Coleoptera)
Hypera pedestris (Coleoptera)
Hypera rumicis (Coleoptera)
Lema cyanella (Coleoptera)
Lema melanopa (Coleoptera)
Phyllotreta atra (Coleoptera)
Phyllotreta undulata (Coleoptera)
Phytobius quadrituberculatus (Coleoptera)
Rhagoletis pomonella (?) (Diptera)
Rhinoncus bruchoides (Coleoptera)
Rhynchaenus fagi (Coleoptera)
Rutidosoma fallax (Coleoptera)

CROCUS:

Rhopalosiphoninus tulipaella (Homoptera)

CRYPTOMERIA:

Aspidiotus cryptomeriae (Homoptera)

CUCUMIS:

Dacus cucurbitae (Diptera)
Diaphania nitidalis (Lepidoptera)

CUCURBITA:

Dacus cucurbitae (Diptera)
Diaphania hyalinata (Lepidoptera)
Diaphania nitidalis (Lepidoptera)

CUPRESSUS:

"*Poliaspis*" *pini* (Homoptera)

CYDONIA:

Anastrepha ludens (Diptera)
Aspidiotus diffinis (Homoptera)
Ceratitis capitata (Diptera)

CYMBIDIUM:

Eutornicus congener (Coleoptera)
Furcaspis bififormis (Homoptera)
Lepidosaphes tuberculata (Homoptera)
Lethaeus aeruginosus (Hemiptera)

CYMBIDIUM—Continued

Pseudaonidia curculiginis (Homoptera)

CYNARA:

Apion carduorum (Coleoptera)
Psila rosae (Diptera)

CYPRIPEDIUM:

Coccus capparidis (Homoptera)

CYTISUS:

Sparteus villosus (Coleoptera)

DAHLIA:

Brachyrhinus sulcatus (Coleoptera)
Prodenia ornithogalli (Lepidoptera)
Tetraleurodes mori (Homoptera)

DAISY:

Chlorochroa ligata (Hemiptera)

DALBERGIA:

Nasutitermes corniger (Isoptera)

DAUCUS:

Phalonia zephyrana (Lepidoptera)
Psila rosae (Diptera)

DENDROBIUM:

Ferrisia virgata (Homoptera)

DIANTHUS:

Anuraphis helichrysi (Homoptera)
Forficula auricularia (Dermaptera)
Haplothrips cottei (Thysanoptera)
Sericophanes ocellatus (Hemiptera)
Strophosoma melanogrammum (Coleoptera)
Thrips fuscipennis (Thysanoptera)

DIOSCOREA:

Palaeopus costicollis (Coleoptera)
 "Targionia" *hartii* (Homoptera)

DIOSPYROS:

Ceratitis capitata (Diptera)

DRYOPTERIS:

Acalypta nyctalis (Hemiptera)

ECHEVERIA:

Chrysobothris mali (Coleoptera)
Eumysia stigmella (Lepidoptera)

ECHINOCEREUS:

Ferrisia virgata (Homoptera)

ELEOCHARIS:

Coptotermes formosanus (Isoptera)

EPIDENDRUM:

Asterolecanium epidendri (Homoptera)
Chrysomphalus nigropunctatus (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Cleogonus armatus (Coleoptera)
Conchaspis angraeci (Homoptera)
Crophius scabrosus (Hemiptera)
Forficula auricularia (Dermaptera)
Furcaspis bififormis (Homoptera)
Pseudischnaspis alienus (Homoptera)
Tenthecoris distinguendus (Hemiptera)
Vinsonia stellifera (Homoptera)
Zygogramma piceicollis (Coleoptera)

ERICA:

Taeniothrips ericae (Thysanoptera)

ERIOBOTRYA:

Ceratitis capitata (Diptera)

ERYTHRINA:

Corcyra cephalonica (Lepidoptera)
Specularius impressithorax (Coleoptera)

EUGENIA:

Anastrepha mombinpraeoptans (Diptera)

EUONYMUS:

Unaspis euonymi (Homoptera)

EUPHORBIA:

Liriomyza pusilla (Diptera)
Ferrisia virgata (Homoptera)

EUPHORIA:

Dacus dorsalis (Diptera)

FICUS:

Ceratitis capitata (Diptera)
Ceroplastes rusci (Homoptera)
Lepidosaphes ficus (Homoptera)

FRAXINUS:

Eurytoma crassineura (Hymenoptera)
Leperisinus fraxini (Coleoptera)

GARDENIA:

Aleurocanthus woglumi (Homoptera)
Aleuroparadoxus gardeniae (Homoptera)
Aleurothrixus myrtacei (Homoptera)
Ceroplastes rubens (Homoptera)
Coccus viridis (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Ferrisia virgata (Homoptera)
Protopulvinaria longivalvata (Homoptera)

Hosts and insects—Continued

GARDENIA—Continued

Protopulvinaria pyriformis (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

GENISTA:

Haplothrips gowdeyi (Thysanoptera)

GLADIOLUS:

Chirothrips manicatus (Thysanoptera)
Nemapogon granella (Lepidoptera)
Polydortomyia curvipes (Diptera)
Taeniothrips simplex (Thysanoptera)

GONGORA:

Vinsonia stellifera (Homoptera)

GOSSYPIMUM:

Corcyra cephalonica (Lepidoptera)
Pectinophora gossypiella (Lepidoptera)
Sinoxylon anale (Coleoptera)
Stenogrinum quadrinotatum (Coleoptera)

GRAMINEAE:

Antonina graminis (Homoptera)
"Targionia" sacchari (Homoptera)

GYNERIUM:

"Targionia" sacchari (Homoptera)

HEDYSARUM:

Bruchidius gilvus (Coleoptera)

HELICHRYSUM:

Ferrisiana virgata (Homoptera)

HERITIERA:

Cyamobolus palawanicus (Coleoptera)

HIBISCUS:

Callosobruchus maculatus (Coleoptera)
Ferrisiana virgata (Homoptera)
Pealius hibisci (Homoptera)
Pectinophora gossypiella (Lepidoptera)
Phenacoccus gossypii (Homoptera)
Pseudaonidia clavigera (Homoptera)
Tetraleurodes mori (Homoptera)

HYACINTHUS:

Forficula auricularia (Dermaptera)

ILEX:

Anastrepha mombinpraeoptans (Diptera)

IPOMOEA:

Cylas formicarius (Coleoptera)
Cylas formicarius subspecies (?) (Coleoptera)
Cylas formicarius var. (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas puncticollis (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Megacerus contaminatus (Coleoptera)
Phenacoccus gossypii (Homoptera)

IRESINE:

Ceroplastes cirripediformis (Homoptera)

IRIS:

Endrosis lactella (Lepidoptera)

JASMINUM:

Aonidiella citrina (Homoptera)

JUNIPERUS:

Lepidosaphes pallida (Homoptera)
Raphidopalpa femoralis (Coleoptera)

KERRIA:

Allantus cinctus (Hymenoptera)

KHAYA:

Cordylomera spinicornis (Coleoptera)
Fulvius oxycarenoides (Hemiptera)

LABURNUM:

Sparteus villosus (Coleoptera)

LAELIA:

Acroleucus vicinalis (Hemiptera)
Asterolecanium epidendri (Homoptera)
Calligrapha diversa (Coleoptera)
Chrysomphalus nigropunctatus (Homoptera)
Coccus pseudohesperidum (Homoptera)
Crophius costatus (Hemiptera)
Crophius scabrosus (Hemiptera)
Diorymerellus laevimargo (Coleoptera)
Dysdercus mimulus (Hemiptera)
Epilachna varivestis (Coleoptera)
Eurytoma orchidearum (Hymenoptera)
Exptochiomeria albomaculata (Hemiptera)
Heraeus guttatus (Hemiptera)
Ligyrocoris abdominalis (Hemiptera)
Ozophora consanguineus (Hemiptera)
Phelypera distigma (Coleoptera)
Pseudischnaspis alienus (Homoptera)
Reticulitermes flavipes (Isoptera)
Tempyra biguttula (Hemiptera)
Tenthecoris angustimarginatus (Hemiptera)
Tenthecoris bicolor (Hemiptera)

LAELIA—Continued

Tenthecoris confusus (Hemiptera)
Zygogramma piceicollis (Coleoptera)

LARIX:

Ceroplastes japonicus (Homoptera)

LATHYRUS:

Bruchus tristiculus (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Nysius minutus (Hemiptera)
Pantomorus godmani (Coleoptera)

LAURACEAE:

Aleuroglandulus emmae (Homoptera)

LAURUS:

Pantomorus godmani (Coleoptera)
Protopulvinaria pyriformis (Homoptera)
Vinsonia stellifera (Homoptera)

LAVANDULA:

Acalypta platychila (Hemiptera)
Hofmannophila pseudospretella (Lepidoptera)

LENS:

Bruchus ervi (Coleoptera)
Bruchus lentis (Coleoptera)
Bruchus signaticornis (Coleoptera)
Bruchus ulicis (Coleoptera)

LILIUM:

Liothrips vaneeckei (Thysanoptera)
Ferrisiana virgata (Homoptera)
Setomorpha rutella (Lepidoptera)
Texananus spatulatus (Homoptera)

LIMONIUM:

Lygus oblineatus (Hemiptera)

LIVISTONA:

Aspidiotus destructor (Homoptera)

LYCASTE:

Eucactophagus aurocinctus (Coleoptera)
Plagioderia atritarsis (Coleoptera)

LYCOPERSICON:

Anelaphus truncatus (Coleoptera)
Arvelius albopunctatus (Hemiptera)
Ceratitis capitata (?) (Diptera)
Cyrtopeltis varians (Hemiptera)
Dacus cucurbitae (Diptera)
Dysdercus minutus (Hemiptera)
Exptochiomeria albomaculata (Hemiptera)
Japetus sphaeroides (Hemiptera)
Ligyrocoris abdominalis (Hemiptera)
Ligyrocoris aurivilliana (Hemiptera)
Lineodes integra (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)
Physonota attenuata (Coleoptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

MALUS:

Anastrepha ludens (Diptera)
Carposina sasakii (Lepidoptera)
Ceratitis capitata (Diptera)
Grapholitha molesta (Lepidoptera)
Lecanium coryli (Homoptera)
Myelois ceratoniae (Lepidoptera)
Parlatoria oleae (Homoptera)
Rhagoletis pomonella (Diptera)
Sitona lineata (Coleoptera)
Typhlocyba froggatti (Homoptera)

MAMMEA:

Anastrepha serpentina (Diptera)
Aspidiotus spinosus (Homoptera)

MAMMILLARIA:

Gerstaeckeria mutillaria (Coleoptera)
Ferrisiana virgata (Homoptera)
Sixeonotus luteiceps (Hemiptera)

MANGIFERA:

Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Aulacaspis cinnamomi (Homoptera)
Ceratitis capitata (Diptera)
Cryptorhynchus mangiferae (Coleoptera)
Dacus dorsalis (Diptera)
Phenacaspis sandwicensis (?) (Homoptera)

MEROSTACHYS:

Eucalandra setulosa (Coleoptera)
Renocis mexicanus (Coleoptera)

MILTONIA:

Ferrisiana virgata (Homoptera)
Tenthecoris balloui (Hemiptera)

MONSTERA:

Chrysomphalus tenax (Homoptera)

*Hosts and insects—Continued***MORUS:**

- Asterolecanium pustulans* (Homoptera)
- Dryotribus mimeticus* (Coleoptera)
- Leptostylus incrassatus* (Coleoptera)
- Oosternum costatum* (Coleoptera)

MUSA:

- Aspidiotus destructor* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Calligrapha multipustulata* (Coleoptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus scutiformis* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Cosmopolites sordidus* (Coleoptera)
- Cyrtospora tristigma* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Ferrisia virgata* (Homoptera)
- Lygus elisus* (Hemiptera)
- Mecometopus jansoni* (Coleoptera)
- Metamasius sericeus* (Coleoptera)
- Metamasius sericeus* var. (Coleoptera)
- Metrona tuberculata* (Coleoptera)
- Nasutitermes corniger* (Isoptera)
- Phenacoccus gossypii* (Homoptera)
- Physonota mexicana* (Coleoptera)
- Platoceticus symmicta* (Lepidoptera)
- Platycarenum humilis* (Hemiptera)
- Sibine stimulea* (Lepidoptera)

MUSCARI:

- Exosoma lusitanica* (Coleoptera)

NARCISSUS:

- Endrosis lactella* (Lepidoptera)
- Sitona lineata* (Coleoptera)

NEPETA:

- Phytomyza obscurella nigritella* (Diptera)

NERIUM:

- Chaetoptelius vestitus* (Coleoptera)
- Morganella longispina* (Homoptera)
- Sinozylon sexdentatum* (Coleoptera)

OCTOMERIA:

- Coccus pseudohesperidum* (Homoptera)

ODONTOGLOSSUM:

- Diorymerellus laevimargo* (Coleoptera)
- Pseudoparlatoria ostreata* (Homoptera)
- Tenthecoris vestitus* (Hemiptera)

OLEA:

- Dacus oleae* (Diptera)
- Eurytoma oleae* (Hymenoptera)

ONCIDIUM:

- Conchaspis angraeci* (Homoptera)
- Furcaspis bififormis* (Homoptera)
- Pseudischnaspis alienus* (Homoptera)
- Pseudococcus virgata* (Homoptera)
- Pseudoparlatoria ostreata* (Homoptera)
- Vinsonia stellifera* (Homoptera)

OPUNTIA:

- Ceratitis capitata* (Diptera)
- Pseudoparlatoria ostreata* (Homoptera)

ORCHID:

- Acroleucus vicinalis* (Hemiptera)
- Acrolophus superstes* (Lepidoptera)
- Alcaeorrhynchus grandis* (Hemiptera)
- Alpheias conspirata* (Lepidoptera)
- Anthonomus albolineatus* (Coleoptera)
- Anthonomus baridioides* (Coleoptera)
- Asterolecanium epidendri* (Homoptera)
- Asterolecanium pustulans* (Homoptera)
- Attelabus corvinus* (Coleoptera)
- Berecynthus delirator* (Hemiptera)
- Calligrapha diversa* (Coleoptera)
- Calligrapha felina* (Coleoptera)
- Calligrapha limbaticollis* (Coleoptera)
- Calligrapha notatipennis* (Coleoptera)
- Camirus conicus* (Hemiptera)
- Caulophilus latinasus* (Coleoptera)
- Chelymorpha comata* (Coleoptera)
- Chrysomphalus nigropunctatus* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Cleogonus armatus* (Coleoptera)
- Cligenes delineata* (Hemiptera)
- Conchaspis angraeci* (Homoptera)
- Coptocycla semitrata* (Coleoptera)
- Crophius scabrosus* (Hemiptera)
- Cryphula apicatus* (Hemiptera)
- Diabrotica figurata* (Coleoptera)
- Diorymerellus laevimargo* (Coleoptera)
- Dysdercus ruficollis* (Hemiptera)

ORCHID—Continued

- Eucalandra setulosa* (Coleoptera)
- Eurytoma orchidearum* (Hymenoptera)
- Exptochiomeria albomaculata* (Hemiptera)
- Exptochiomeria tumens* (Hemiptera)
- Faustinus rhombifer* (Coleoptera)
- Fulvius anthocorides* (Hemiptera)
- Furcaspis bififormis* (Homoptera)
- Galgupha punctifer* (Hemiptera)
- Galgupha quadrisignata* (Hemiptera)
- Galgupha texana* (Hemiptera)
- Iridomyrmex humilis* (Hymenoptera)
- Ligyrocoris abdominalis* (Hemiptera)
- Ligyrocoris litigiosus* (Hemiptera)
- Lygaeus circumplexatus* (Hemiptera)
- Lygaeus pusio* (Hemiptera)
- Lygaeus vittiscutis* (Hemiptera)
- Macrocephalus notatus* (Hemiptera)
- Macrocephalus stali* (Hemiptera)
- Macropygium reticulare* (Hemiptera)
- Mecolaemus carvalhoi* (Hemiptera)
- Metamarius sericeus carbonarius* (Coleoptera)
- Mormidea v-luteum* (Hemiptera)
- Myodocha longicollis* (Hemiptera)
- Nasutitermes corniger* (Isoptera)
- Neocattarus vegetus* (Hemiptera)
- Nysius basalis* (Hemiptera)
- Ogdoecosta biannularis* (Coleoptera)
- Ogdoecosta juvenca* (Coleoptera)
- Oosternum costatum* (Coleoptera)
- Oxycarenus bicolor* (Hemiptera)
- Ozophora consanguineus* (Hemiptera)
- Pachycoris torridus* (Hemiptera)
- Parlatoria pseudaspidiotus* (Homoptera)
- Phatnoma annulipes concisa* (Hemiptera)
- Phelypera distigma* (Coleoptera)
- Physonota attenuata* (Coleoptera)
- Plagiodera atritarsis* (Coleoptera)
- Plagiodera congesta* (Coleoptera)
- Plagiodera semivittata* (Coleoptera)
- Plagiodera thymaloides* (Coleoptera)
- Platycarenum humilis* (Hemiptera)
- Pseudischnaspis alienus* (Homoptera)
- Puto mexicanus* (Homoptera)
- Reticulitermes flavipes* (Isoptera)
- Setomorpha rutella* (Lepidoptera)
- Sisamnes contractus* (Hemiptera)
- Stilodes caelebs* (Coleoptera)
- Tenthecoris angustimarginatus* (Hemiptera)
- Tenthecoris bicolor* (Hemiptera)
- Tenthecoris confusus* (Hemiptera)
- Tenthecoris distinctus* (Hemiptera)
- Tenthecoris exitiosus* (Hemiptera)
- Tenthecoris venezuelensis* (Hemiptera)
- Tenthecoris vestitus* (Hemiptera)
- Trochuda raspa* (Lepidoptera)
- Tytthomimus rufotestaceus* (Coleoptera)
- Vinsonia stellifera* (Homoptera)
- Zabrotes subfasciatus* (Coleoptera)
- Zygogramma obscurifasciata* (Coleoptera)
- Zygogramma piceicollis* (Coleoptera)

ORYZA:

- Chilo simplex* (Lepidoptera)
- Corcyra cephalonica* (Lepidoptera)
- Prodenia ornithogalli* (Lepidoptera)

OSMANTHUS:

- Dialeurodes citri* (Homoptera)

PALM:

- Aspidiotus destructor* (Homoptera)
- Caryoborus serripes* (Coleoptera)
- Coccotrypes pygmaeus* (Coleoptera)
- Icerya zeteki* (Homoptera)
- Leucaspis cockerelli* (Homoptera)

PASTINACA:

- Psila rosae* (Diptera)

PELARGONIUM:

- Phenacoccus gossypii* (Homoptera)

PERSEA:

- Anastrepha ludens* (Diptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Caulophilus latinasus* (Coleoptera)
- Ceratitis capitata* (?) (Diptera)
- Chrysomphalus albopictus* (Homoptera)
- Conotrachelus aguacatae* (Coleoptera)
- Conotrachelus perseae* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Nysius raphanus* (Hemiptera)

Hosts and insects—Continued

PERSEA—Continued

Stenoma catenifer (Lepidoptera)

PETROSELINUM:

Euleia heraclei (Diptera)

PHALAEENOPSIS:

Furcaspis biformis (Homoptera)

PHASEOLUS:

Acanthoscelides armitagei (Coleoptera)*Agromyza virens* (Diptera)*Apion godmani* (Coleoptera)*Bradybaena similis* (Mollusca)*Callosobruchus chinensis* (Coleoptera)*Callosobruchus maculatus* (Coleoptera)*Chlorochroa ligata* (Hemiptera)*Coptocycla dorsopunctata* (Coleoptera)*Dacus cucurbitae* (Diptera)*Epinotia opposita* (Lepidoptera)*Fundella pellucens* (Lepidoptera)*Maruca testulalis* (Lepidoptera)*Phytomyza atricornis* (Diptera)*Zabrotes subfasciatus* (Coleoptera)

PHILODENDRON:

Aspidiotus palmarum (Homoptera)*Chrysomphalus tenax* (Homoptera)*Furcaspis biformis* (Homoptera)*Lepidosaphes carinata* (Homoptera)*Pseudoparlatoria ostreata* (Homoptera)

PHOENIX:

Coccotrypes dactyliperda (Coleoptera)

PHYSALIS:

Gnorimoschema lavernella (Lepidoptera)*Nysius minutus* (Hemiptera)*Rhagoletis striatella* (?) (Diptera)

PHYTELEPHAS:

Coccotrypes dactyliperda (Coleoptera)

PICEA:

Dioryctria abietella (Lepidoptera)*Hylurgops palliatus* (Coleoptera)*Ips typographus* (Coleoptera)*Pityogenes chalcographus* (Coleoptera)*Polygraphus poligraphus* (Coleoptera)

PIMENTA:

Aleurotrachelus trachoides (Homoptera)

PINUS:

Callosobruchus maculatus (Coleoptera)*Ferrisiana virgata* (Homoptera)*Hylurgops palliatus* (Coleoptera)*Ips typographus* (Coleoptera)*Molorchus minor* (Coleoptera)*Pityogenes chalcographus* (Coleoptera)*Pozonocheilus fasciculatus* (Coleoptera)*"Poliaspis" pini* (Homoptera)*Pseudococcus pini* (Homoptera)*Ptochorystis tsugensis* (Lepidoptera)*Stephanopachys rugosus* (Coleoptera)

PISUM:

Bruchus emarginatus (Coleoptera)*Callosobruchus analis* (Coleoptera)*Callosobruchus chinensis* (Coleoptera)*Callosobruchus maculatus* (Coleoptera)*Frankliniella insularis* (Thysanoptera)

PITHECOLLOBIUM:

Merobruchus flexicaulis (Coleoptera)

PITTOSPORUM:

Ceroplastes rubens (Homoptera)

PLUMERIA:

Aspidiotus diffinis (Homoptera)*Aspidiotus herculeanus* (Homoptera)*Protopulvinaria pyriformis* (Homoptera)

POGA:

Bostrychoplites cornutus (Coleoptera)

PORTULACA:

Celerio lineata (Lepidoptera)*Eutettix tenellus* (Homoptera)*Heliodines bella* (Lepidoptera)*Loxostege similalis* (Lepidoptera)*Nysius minutus* (Hemiptera)

PRIMULA:

Acalypta mera (Hemiptera)*Scolopostethus affinis* (Hemiptera)

PROSOPIS:

Algarobius prosopis (Coleoptera)

PRUNUS ARMENIACA:

Ceratitis capitata (Diptera)*Grapholitha molesta* (Lepidoptera)

PRUNUS DOMESTICA:

Ceratitis capitata (Diptera)*Iridomyrmex humilis* (Hymenoptera)*Parlatoria oleae* (Homoptera)

PRUNUS PERSICA:

Anastrepha ludens (Diptera)*Ceratitis capitata* (Diptera)*Ceratitis rosa* (Diptera)*Grapholitha molesta* (Lepidoptera)*Parlatoria oleae* (Homoptera)*Scolytus rugulosus* (Coleoptera)

PRUNUS SP. (cherry):

Rhagoletis cerasi (Diptera)

PRUNUS SP.:

Parlatoria theae (Homoptera)

PSIDIUM:

Anastrepha fraterculus (?) (Diptera)*Anastrepha mombinpraeoptans* (Diptera)*Anastrepha striata* (Diptera)*Anastrepha suspensa* (Diptera)*Dacus dorsalis* (Diptera)*Tetraleurodes mori* (Homoptera)

PUNICA:

Forficula auricularia (Dermaptera)*Myelois ceratoniae* (Lepidoptera)

PYRUS:

Anastrepha ludens (Diptera)*Ceratitis capitata* (Diptera)*Lepidosaphes conchiformis* (Homoptera)*Parlatoria oleae* (Homoptera)

QUERCUS:

Callirhytis sonorensis (Hymenoptera)*Conotrachelus integer* (Coleoptera)*Curculio q-griseae* (Coleoptera)*Laspeyresia splendana* (Lepidoptera)*Scolytus intricatus* (Coleoptera)

RAPHANUS:

Desmothrips australis (Thysanoptera)*Evergestis rimosalis* (Lepidoptera)*Hyphantria cunea* (Lepidoptera)*Nysius minutus* (Hemiptera)*Nysius raphanus* (Hemiptera)

RHODODENDRON:

Barypeithes pellucidus (Coleoptera)*Ceroplastes rubens* (Homoptera)*Chaetocnema hortensis* (Coleoptera)*Dialeurodes chittendeni* (Homoptera)*Gracilaria azaleella* (Lepidoptera)*Pealius rhododendri* (Homoptera)*Sitona lineata* (Coleoptera)*Stephanitis pyroidea* (Hemiptera)*Vesiculaphis caricis* (Homoptera)

RHYNCHOSTYLIS:

Lepidosaphes latero-chitina (Homoptera)

RODRIGUEZIA:

Furcaspis biformis (Homoptera)

RORIPPA:

Corimelaena minutissima (Hemiptera)*Evergestis rimosalis* (Lepidoptera)*Heliodines bella* (Lepidoptera)

ROSA:

Acanthoscelides quadridentatus (Coleoptera)*Allantus cinctus* (Hymenoptera)*Aonidiella citrina* (Homoptera)*Frankliniella insularis* (Thysanoptera)*Frankliniella moultoni* (Thysanoptera)*Haplothrips gowdeyi* (Thysanoptera)*Rhagoletis alternata* (Diptera)*Taeniothrips simplex* (Thysanoptera)*Xanthonia guatemalensis* (Coleoptera)

RUBUS:

Bembecia marginata (Lepidoptera)

SACCHARUM:

Diatraea saccharalis (Lepidoptera)*"Targionia" sacchari* (Homoptera)

SAMBUCUS:

Micrapate labialis (Coleoptera)*Pityophthorus coronarius* (Coleoptera)*Rhopalophora incrustata* (Coleoptera)

SAPOTE:

Anastrepha ludens (Diptera)

SCHOMBURGKIA:

Furcaspis biformis (Homoptera)*Lepidosaphes tuberculata* (Homoptera)*Vinsonia stellifera* (Homoptera)

SCILLA:

Endrosis lactella (Lepidoptera)

Hosts and insects—Continued

SEDUM:

Targionia yuccarum (Homoptera)

SMILAX:

Pseudaonidia tesserata (Homoptera)

SOIL:

Anastrepha suspensa (Diptera)*Cassida flaveola* (Coleoptera)*Ceutorhynchus quadridens* (Coleoptera)*Dalopius marginatus* (Coleoptera)*Hypera postica* (Coleoptera)*Iridomyrmex humilis* (Hymenoptera)*Pantomorus godmani* (Coleoptera)*Phyllobius intrusus* (Coleoptera)*Pnyxia scabiei* (Diptera)*Psila rosae* (Diptera)*Reticulitermes flavipes* (Isoptera)

SOLANUM MELONGENA:

Trichobaris mucorea (Coleoptera)

SOLANUM TUBEROSUM:

Epicaerus cognatus (Coleoptera)*Gnorimoschema plaesiosema* (Lepidoptera)*Premnotrypes solani* (?) (Coleoptera)*Premnotrypes vorax* (Coleoptera)

SOPHRONITIS:

Tenthecoris bicolor (Hemiptera)

SORBUS:

Parlatoria oleae (Homoptera)

SORGHUM:

Diatraea saccharalis (Lepidoptera)*Hofmannophila pseudospretella* (Lepidoptera)*Pyrausta nubilalis* (Lepidoptera)*Sesamia cretica* (Lepidoptera)

SPINACIA:

Nysius minutus (Hemiptera)

SPONDIAS:

Amphicerus cornutus (Coleoptera)*Anastrepha mombinpraeoptans* (Diptera)*Aspidiotus destructor* (Homoptera)*Aspidiotus herculeanus* (Homoptera)*Brentus anchorago* (Coleoptera)*Dryoctenes scrupulosus* (Coleoptera)*Dysides obscurus* (Coleoptera)*Sosylus terminalis* (Coleoptera)

STANHOPEA:

Tenthecoris distinctus (Hemiptera)*Vinsonia stellifera* (Homoptera)

STENOCACTUS:

Setomorpha rutella (Lepidoptera)

STENOLOBIUM:

Coccus viridis (Homoptera)

STRELITZIA:

Phenacaspis sandwicensis (?) (Homoptera)*Pinnaspis buxi* (Homoptera)

SYNGONIUM:

Pinnaspis buxi (Homoptera)

SYRINGA:

Aonidiella citrina (Homoptera)

TAMARINDUS:

Caryedon fuscus (Coleoptera)*Myelois ceratoniae* (Lepidoptera)

TAMARIX:

Ceroplastes japonicus (Homoptera)

TILIA:

Ernoporus tiliae (Coleoptera)

TILLANDSIA:

Tychius inermis (Coleoptera)

TRICHOCAULON:

Trionymus lounsburyi (Homoptera)

TRICHOGLOTTIS:

Ferrisiana virgata (Homoptera)

TRIGONIDIUM:

Vinsonia stellifera (Homoptera)

TULIPA:

Endrosis lactella (Lepidoptera)*Nemapogon granella* (Lepidoptera)*Rhopalosiphoninus tulipaella* (Homoptera)

ULEX:

Hofmannophila pseudospretella (Lepidoptera)

ULMUS:

Pteleobius rittatus (Coleoptera)

VACCINIUM:

Rhopobota naevana (Lepidoptera)

VANDA:

Ferrisiana virgata (Homoptera)*Furcaspis biformis* (Homoptera)*Meristata dohrni* (Coleoptera)*Meristata trifasciata* (Coleoptera)*Parlatoria pseudaspidotus* (Homoptera)*Pseudaonidia tesserata* (Homoptera)*Pseudococcus lilacinus* (Homoptera)*Pulvinaria psidii* (Homoptera)

VICIA:

Apion cracca (Coleoptera)*Apion pomonae* (Coleoptera)*Bruchidius incarnatus* (Coleoptera)*Bruchus brachialis* (Coleoptera)*Bruchus dentipes* (Coleoptera)*Bruchus guttalis* (Coleoptera)*Bruchus luteicornis* (Coleoptera)*Bruchus rufipes* (Coleoptera)*Bruchus tristichus* (Coleoptera)*Callosobruchus chinensis* (Coleoptera)

VIGNA:

Callosobruchus chinensis (Coleoptera)*Callosobruchus maculatus* (Coleoptera)

VITIS:

Ceratitis capitata (Diptera)*Euxesta quaternaria* (Diptera)*Lema bilineata* (Coleoptera)*Leptoglossus chilensis* (Hemiptera)*Parlatoria oleae* (Homoptera)*Phlyctinus callosus* (Coleoptera)*Rhinoneus perpendicularis* (Coleoptera)

WARSEWICZELLA:

Coccus pseudohesperidum (Homoptera)

ZEA:

Chaetopsis fulvifrons (Diptera)*Diatraea crambidoides* (Lepidoptera)*Diatraea saccharalis* (Lepidoptera)*Euxesta stigmatias* (Diptera)*Lophocateres pusillus* (Coleoptera)*Moodna bisinuella* (Lepidoptera)*Host unknown*

AIRPLANE:

Nysius dallasi (Hemiptera)*Nysius minutus* (Hemiptera)*Paroxyna sororcula* (Diptera)*Tephritis genalis* (Diptera)*Xylobiops texanus* (Coleoptera)

BASKET:

Diaphania nitidalis (Lepidoptera)

BAY (?):

Vinsonia stellifera (Homoptera)

BEAN:

Agroiconota propinqua (Coleoptera)*Bruchus tristis* (Coleoptera)*Callosobruchus chinensis* (Coleoptera)*Callosobruchus maculatus* (Coleoptera)*Callosobruchus phaseoli* (Coleoptera)*Zabrotes subfasciatus* (Coleoptera)

CASE OF FOOD:

Ceratitis capitata (Diptera)

CONIFER SLAT:

Pogonocherus fasciculatus (Coleoptera)

CUTTINGS:

Aonidiella inornata (Homoptera)*Ceroplastes cirripediformis* (Homoptera)*Ferrisiana virgata* (Homoptera)*Pseudaonidia tesserata* (?) (Homoptera)

DECK NEAR GARBAGE:

Anastrepha ludens (Diptera)

FERN:

Ceroplastes rubens (Homoptera)

FOREST LITTER:

Lepidoscaptes espinosai (Homoptera)

GRASS:

Aspidiotus subchortinus (Homoptera)*"Targionia" sacchari* (Homoptera)

HERB:

Conotrachelus seniculus (Coleoptera)*Synchlora aerata* (Lepidoptera)

LEAF:

Aspidiotus destructor (Homoptera)*Tetraleurodes mori* (Homoptera)*Trialeurodes vaporariorum* (Homoptera)

Host unknown—Continued

LEGUME:

Brachyacma palpigera (Lepidoptera)

LOG:

Boroxylon stephegynis (Coleoptera)
Coelosternus consputus (Coleoptera)
Fulvius brevicornis (Hemiptera)
Platypus rugulosus (Coleoptera)

MANDADO BAG:

Zabrotes subfasciatus (Coleoptera)

MOSS AND FOREST LITTER:

Apion flavipes (Coleoptera)
Cassida nebulosa (Coleoptera)
Cassida nobilis (Coleoptera)
Ceutorhynchus erysimi (Coleoptera)
Chlorochroa juniperina (Hemiptera)
Cymus melanocephalus (Hemiptera)
Eurydema oleraceum (Hemiptera)
Hypera nigriricstris (Coleoptera)
Longitarsus melanocephalus (Coleoptera)
Phytobius quadrituberculatus (Coleoptera)
Rhinoncus bruchoides (Coleoptera)
Sibinia potentillae (Coleoptera)
Strephosoma rufipes (Coleoptera)
Ulopa reticulata (Homoptera)

MOSS AND SOIL PACKING:

Rhinoncus pericarpus (Coleoptera)

MULTIFLOWERED LEI:

Taeniothrips hawaiiensis (Thysanoptera)

PLANT:

Aleurotuberculatus aucubae (Homoptera)
Asterolecanium pustulans (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Ferrisiana virgata (Homoptera)

RETURNED MILITARY EQUIPMENT:

Achatina fulica (Mollusea)

SAWDUST PACKING:

Forficula auricularia (Dermaptera)

SEED:

Anastrepha ludens (Diptera)
Merobruchus julianus (Coleoptera)

SHRUB:

Ceutorhynchus floralis (Coleoptera)
Phyllotreta undulata (Coleoptera)
Sitona lineata (Coleoptera)

STRAW PACKING:

Hoffmannophila pseudospretella (Lepidoptera)

SUITCASE:

Kaloterms marginipennis (Isoptera)

VINE:

Euscepes postfasciatus (Coleoptera)

WOOD:

Acanthoderes circumflexa (Coleoptera)
Amphicerus cornutus (Coleoptera)
Amyssonotum rastratum flexum (Hemiptera)
Cryptotermes brevis (Isoptera)
Heterobosctrychus aequalis (Coleoptera)
Micrapate brasiliensis (Coleoptera)
Sinoxylon anale (Coleoptera)
Xylopsocus castanoptera (Coleoptera)

Countries of origin and insects

ALGERIA:

Ceratitis capitata

ANGLO-EGYPTIAN SUDAN:

Sinoxylon anale

ARGENTINA:

Acanthoscelides armitagei
Anastrepha fraterculus
Ceratitis capitata
Diatraea saccharalis
Euxesta quaternaria
Nysius simulans
Parlatoria cinerea
Parlatoria oleae
Pseudaonidia trilobitiformis
Tenthecoris venezuelensis
Typhlocyba froggatti

ARUBA:

Anastrepha mombinpraeoptans

AUSTRALIA:

Ceratitis capitata
Desmothrips australis
Lepidosaphes tuberculata
Orycaenus bicolor

AZORES:

Ceratitis capitata
Dacus oleae
Iridomyrmex humilis
Pantomorus godmani
 "Targionia" bromiliae

BAHAMAS:

Aleurotrachelus trachoides
Anastrepha mombinpraeoptans
Aspidiotus destructor
Asterolecanium pustulans
Callosobruchus chinensis
Callosobruchus maculatus
Coccus capparidis
Coccus viridis
Dryotribus mimeticus
Lepidosaphes tokionis
Leptostylus incrassatus
Morganella longispina
Oosternum costatum
Unaspis citri

BARBADOS:

Brachyacma palpigera
Haplothrips gowdeyi
Protopulvinaria pyriformis
 "Targionia" hartii
Vinsonia stellifera

BELGIAN CONGO:

Specularius impressithorax

BELGIUM:

Evergestis forficalis
Gracilaria azaleella
Hoffmannophila pseudospretella
Iaspeyresia splendana
Lepidosaphes tuberculata
Napomyza lateralis
Phyllotreta cruciferae
Phytomyza atricornis

BERMUDA:

Aleurocanthus woglumi
Aspidiotus subchortinus
Bradybaena similis
Ceratitis capitata
Lygus oblineatus
Phenacoccus gossypii
Pradenia ornithogalli
Synchlora aerata

BRAZIL:

Anastrepha fraterculus
Asterolecanium epidendri
Caryoborus serripes
Ceratitis capitata
Chrysomphalus personatus
Coccus pseudohesteridum
Conchaspis angraeci
Diaphania nitidalis
Dysdercus ruficollis
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis bififormis
Maruca testulalis
Mecolaemus carvalhoi
Micrapate brasiliensis
Microtheca ochroloma
Mormidea v-luteum
Nasutitermes corniger
Parlatoria cinerea
Pectinophora gossypiella
Tenthecoris bicolor
Tenthecoris eritiosus
Tenthecoris venezuelensis
Trialeurodes vaporariorum
Unaspis citri
Vinsonia stellifera

BRITISH GUIANA:

Asterolecanium pustulans
Callosobruchus chinensis
Chrysomphalus personatus
Protopulvinaria longivalvata
Vinsonia stellifera

Countries of origin and insects—Continued

BRITISH HONDURAS:

Anastrepha ludens
Diatraea crambidoides
Lecaniodiaspis dendrobii
Pseudischinaspis alienus

BRITISH WEST INDIES:

Callosobruchus chinensis
Callosobruchus maculatus
Cellosobruchus phaseoli
Pectinophora gossypiella

CAMEROONS:

Bostrychoplites cornutus
Cordylomera spinicornis

CANADA:

Acalypta mera
Acalypta nyctalis
Bembecia marginata
Brachyrhinus sulcatus
Dioryctria abietella
Liriomyza pusilla
Phytomyza obscurella nigrifella
Taeniothrips simplex

CANAL ZONE:

Acanthoscelides armitagei
Amyssonotum rastratum flexum
Anastrepha mombinpraeoptans (?)
Aspidiotus destructor
Aspidiotus herculeanus
Asterolecanium epidendri
Cleogonus armatus
Furcaspis biformis
Galgupha punctifer
Metamasius sericeus
Parlatoria pseudaspidotus
Protopulvinaria pyriformis
Stenomoma catenifer
Stephanoderes lecontei
Tenthecoris distinguendus
Vinsonia stellifera

CENTRAL AMERICA:

Taeniothrips simplex

CHILE:

Leptoglossus chilensis

CHINA:

Aspidiotus destructor
Callosobruchus chinensis
Ceroplastes japonicus
Chilo simplex
Coptotermes formosanus
Cylas formicarius subspecies (?)
Parlatoria camelliae
Parlatoria zizyphus

COLOMBIA:

Anastrepha fraterculus (?)
Aspidiotus destructor
Autoserica castanea
Chrysomphalus tenax
Clerada apicornis
Coccus viridis
Eurytoma orchidearum
Euscepes postfasciatus
Ferrisiana virgata
Frankliniella moultoni
Furcaspis biformis
Tenthecoris balloui
Tenthecoris columbiensis
Tenthecoris exitiosus
Tenthecoris venezuelensis
Unaspis citri

COSTA RICA:

Anastrepha serpentina (?)
Anastrepha striata
Aspidiotus destructor
Aspidiotus palmae
Callosobruchus maculatus
Chrysomphalus scutiformis
Chrysomphalus umboniferus
Coccotrypes dactyliperda
Epinotia opposita
Eurytoma orchidearum
Ferrisiana virgata
Furcaspis biformis
Leucaspis cockerelli
Mecometopus jansoni
Metamasius sericeus
Nasutitermes corniger
Phytomyza atricornis
Platycarenum humilis

COSTA RICA—Continued

Pseudischinaspis alienus
Sibine stimulea
 "Targionia" sacchari
Tenthecoris vestitus

CUBA:

Aleurocanthus woglumi
Aleurothrixus myrtacei
Anastrepha mombinpraeoptans
Anastrepha suspensa (?)
Aspidiotus destructor
Coccus viridis
Coptocycla dorsopunctata
Cylas formicarius var.
Cylas formicarius elegantulus
Ferrisiana virgata
Hellula phidilealis
Leucaspis cockerelli
Phyllophaga alquizarra
Platynota rostrana
Prodenia eridania
Protopulvinaria pyriformis
Ribua innoxia
Stephanopachys rugosus
Zamagiria deia

CURACAO:

Callosobruchus maculatus
Unaspis citri

CYPRUS:

Callosobruchus maculatus
Pectinophora gossypiella

CZECHOSLOVAKIA:

Pityogenes chalicographus
Rhagoletis cerasi

DENMARK:

Euleia heraclei
Psila rosae
Sparteus villosus
Strophosoma melanogrammmum

DOMINICA:

"Targionia" hartii

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Frankliniella insularis
Mimosestes dominicana
Pectinophora gossypiella

EAST AFRICA:

Pseudaonidia trilobitiformis

ECUADOR:

Euscepes postfasciatus
Metamasius sericeus var.
Premnotrypes vorax

EGYPT:

Callosobruchus maculatus
Cassida vittata
Ceratitis capitata
Pectinophora gossypiella

ENGLAND:

Acalypta platychila
Allantus cinctus
Anuraphis helichrysi
Cassida flaveola
Ceutorhynchus quadridens
Chaetocnema hortensis
Dalopius marginatus
Dialeurodes chittendeni
Elaphria chalcedonia
Euleia heraclei
Eurytoma crassineura
Evergestis forficatus
Haplothrips cottei
Hofmannophila pseudospretella
Laspeyresia splendana
Leperisinus fraxini
Lepidosaphes tuberculata
Phyllotreta cruciferae
Pieris brassicae
Psila rosae
Pteleobius vittatus
Scolopostethus affinis
Taeniothrips ericae
Thrips fuscipennis

FINLAND:

Pogonocherus fasciculatus
Rhopobota naevana

Countries of origin and insects—Continued

FORMOSA:

Dialeurodes citri

FRANCE:

*Apion craccae**Apion pomonae**Bruchus guttalis**Bruchus luteicornis**Bruchus tristis**Caryedon fuscus**Ceratitis capitata**Chirothrips manicatus**Ernoporos tiliac**Euleia heraclei**Evergestis forficulis**Laspeyresia splendana**Liothrips vaneeckei**Parlatoria cinerea**Pieris brassicae**Psila rosae**Rhagoletis cerasi**Thrips angusticeps*

FRENCH EQUATORIAL AFRICA:

*Cordylomera spinicornis**Fulvius oxycarenoides*

FRENCH GUIANA:

Vinsonia stellifera

FRENCH WEST AFRICA:

Fulvius brevicornis

GERMANY:

*Acalypta musci**Apion flavipes**Forficula auricularia**Gymnaetron beccabungae nigrum**Hylurgops palliatus**Hypera pedestris**Hypera rumicis**Ips typographus**Lema cyanella**Lema melanopa**Phyllotreta atra**Phyllotreta undulata**Phytobius quadrituberculatus**Pityogenes chalcographus**Rhinoncus bruchoides**Rhynchaenus fagi**Rutidosoma fallax*

GOLD COAST:

Ceratitis capitata (?)*Cordylomera spinicornis*

GREECE:

*Bruchus brachialis**Ceratitis capitata**Dacus oleae*

GUAM:

*Achatina fulica**Antonina graminis**Aspidiotus destructor**Aspidiotus sacchari**Aspidiotus spinosus**Asterolecanium pustulans**Dinoderus brevis**Ferrisiana virgata**"Targionia" sacchari*

GUATEMALA:

*Anastrepha ludens**Anastrepha mombinpraeoptans**Anastrepha serpentina**Aspidiotus destructor**Aspidiotus palmarum**Chrysomphalus nigropunctatus**Chrysomphalus tenax**Cosmopolites sordidus**Cyrtosoma tristigma**Diorymerellus laevimargo**Eurytoma orchidearum**Exptochiomeria albomaculata**Furcaspis bifor mis**Kaloterms marginipennis**Lygaeus vittiscutis**Metritona tuberculata**Nasutitermes corniger**Parlatoria cinerea**Pinnaspis buxi**Plagiodera atritarsis**Platoeceticus symmicta**Pseudischnaspis alienus**Pseudoparlatoria ostreata*

GUATEMALA—Continued

*Tenthecoris confusus**Tenthecoris distinctus**Tenthecoris vestitus**Xanthonia guatemalensis*

HAITI:

*Anastrepha mombinpraeoptans**Coccus viridis**Diatraea saccharalis**Pinnaspis buxi**Vinsonia stellifera*

HAWAII:

*Aonidiella inornata**Aspidiotus destructor**Aspidiotus spinosus**Caryedon fuscus**Ceratitis capitata**Ceroplastes rubens**Coccus viridis**Cryptorhynchus mangiferae**Cryptotermes brevis**Dacus cucurbitae**Dacus dorsalis**Ereunetis flavistrata**Haplothrips gowdeyi**Lampides boeticus**Lepidosaphes tokionis**Lepidosaphes uniloba**Leucaspis cockerelli**Maruca testulalis**Pealius hibisci**Pectinophora gossypiella**Phenacaspis sandwicensis* (?)*Pinnaspis buxi**Pseudaonidia clavigera**Pseudococcus palmarum**Taeniothrips hawaiiensis**Xyleborus testaceus**Xylopsocus castanoptera*

HONDURAS:

*Anastrepha mombinpraeoptans**Anastrepha serpentina**Anastrepha striata**Cryphula apicatus**Diorymerellus laevimargo**Euscepes postfasciatus**Iridomyrmex humilis**Metamasius sericeus**Mimosestes dominicana**Nasutitermes corniger**Pseudischnaspis alienus**Stenoma anonella**Tenthecoris confusus*

HUNGARY:

*Molorchus minor**Pyrausta nubilalis*

INDIA:

*Bruchus emarginatus**Callosobruchus analis**Callosobruchus chinensis**Caryedon fuscus**Ceratitis capitata* (?)*Coccus capparidis**Corcyra cephalonica**Dinoderus pilifrons**Eutornicus congener**Halimococcus borassi**Heterobostrychus aequalis**Lepidosaphes latero-chitinsa**Lepidosaphes tuberculata**Lethaeus aeruginosus**Meristata dohrni**Meristata trifasciata**Prodenia ornithogalli**Pyrausta nubilalis**Sinorylon anale**Stenogrinum quadrinotatum*

IRAN:

Bruchus dentipes

IRAQ:

Coccotrypes dactyliperda

IRELAND:

*Euleia heraclei**Forficula auricularia**Hypera postica**Psila rosae*

Countries of origin and insects—Continued

ITALY:

Apion carduorum
Barathra brassicae
Brachycerus albidentatus
Brachycerus algirus
Bruchidius gilvus
Bruchidius incarnatus
Bruchus ervi
Bruchus lentis
Bruchus luteicornis
Bruchus rufipes
Bruchus signaticornis
Bruchus ulicis
Callosobruchus chinensis
Ceratitis capitata
Ceroplastes rusci
Curculio elephas
Dacus oteae
Eurytoma oleae
Forficula auricularia
Grapholitha molesta
Hofmannophila pseudospretella
Laspeyresia splendana
Lepidosaphes ficus
Mecinus pyrastrer
Myelois ceratoniae
Parlatoria oleae
Pectinophora gossypiella
Phalonia zephyrana
Phymatodes lividus
Psila rosae
Pyrausta nubilalis
Rhagoletis cerasi
Rhinoneus perpendicularis
Sesamia cretica
Sparteus villosus

JAMAICA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus spinosus
Callosobruchus chinensis
Callosobruchus maculatus
Callosobruchus phaseoli
Coccus viridis
Frankliniella insularis
Leucaspis cockerelli
Monomorium destructor
Palaeopus costicollis
Parlatoria cinerea
Pseudaonidia tesserata
Unaspis citri
Vinsonia stellifera

JAPAN:

Aleurotuberculatus aucubae
Aspidiotus cryptomeriae
Aspidiotus degeneratus
Aspidiotus diffinis
Carposina sasakii
Ceroplastes ceriferus
Ceroplastes japonicus
Ceroplastes rubens
Dialeurodes kirkaldyi
Euscepes postfasciatus
Ferrisiana virgata
Grapholitha molesta
Lepidosaphes conchiformis
Lepidosaphes pallida
Lepidosaphes tuberculata
Liothrips vaneeckei
Parlatoria camelliae
Parlatoria theae
Pealius rhododendri
Phyllobius intrusus
"Poliaspis" pini
Pseudococcus pini
Ptochoryctis tsugensis
Raphidopalpa femoralis
Stephanitis pyroides
Unaspis yanonensis
Vesiculaphis caricis

KOREA:

"Poliaspis" pini

LEBANON:

Bruchus dentipes
Bruchus ervi
Parlatoria oleae

LEEWARD ISLANDS:

Pseudoparlatoria ostreata
Vinsonia stellifera

MALAYSIA:

Parlatoria zizyphus

MARIANAS:

Achatina fulica
Ferrisiana virgata

MARTINIQUE:

Psila rosae

MEXICO:

Acanthoderes circumflexa
Acanthoscelides quadridentatus
Aceria tulipae
Acroleucus vicinalis
Acrolophus superstes
Agroiconota propinqua
Agromyza virens
Alcaeorrhynchus grandis
Aleurocanthus woglumi
Aleuroglandulus emmae
Aleuroparadoxus gardeniae
Algarobius prosopis
Alpheias conspirata
Amorbia emigratella
Amphicerus cornutus
Amyssonotum rastratum flexum
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Anelaphus truncatus
Anthonomus albolineatus
Anthonomus baridioides
Anuraphis helichrysi
Aonidietla citrina
Apion godmani
Arvelius albopunctatus
Aspidiotus destructor
Aspidiotus diffinis
Asterolecanium pustulans
Attelabus corvinus
Berecynthus delirator
Cactobrosis longipennella
Calligrapha diversa
Calligrapha felina
Calligrapha limbaticollis
Calligrapha multipustulata
Calligrapha notatipennis
Callirhytis sonorae
Callosobruchus maculatus
Camirus conicus
Caulophilus latinasus
Celerio lineata
Chaetopsis fulvifrons
Chelymorpha comata
Chlorochroa ligata
Chrysobothris mali
Chrysomphalus albopictus
Chrysomphalus nigropunctatus
Chrysomphalus personatus
Chrysomphalus scutiformis
Chrysomphalus tenax
Chrysomphalus umboniferus
Cleogonus armatus
Cligenes delineata
Coelosternus consputus
Conchaspis angraeci
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus perseae
Conotrachelus seniculus
Coptocycla semiatrata
Corcyra cephalonica
Corimelaena minutissima
Creontiades femoralis
Crophius costatus
Crophius scabrosus
Cryphula apicatus
Curculio q-griseae
Cylas formicarius elegantulus
Cyrtocapsus caligineus
Cyrtopeltis varians
Diabrotica figurata
Diaphania hyalinata
Diaphania nitidalis
Diatraea saccharalis

Countries of origin and insects—Continued

MEXICO—Continued

Diorymerellus laevimargo
Disonycha leptolineata texana
Dysdercus mimulus
Epicaerus cognatus
Epilachna varinestis
Epinotia opposita
Estigmene acrea
Eucalandra setulosa
Eumysia stigmella
Eurytoma orchidearum
Eutettix tenellus
Evergestis rimosalis
Exptochiomera albomaculata
Exptochiomera oblonga
Exptochiomera tumens
Faustinus rhombifer
Ferrisiana virgata
Frankliniella insularis
Franklinothrips vespiformis
Fulvius anthocorides
Furcaspis biformis
Galgupha punctifer
Galgupha quadrisignata
Galgupha texana
Geocoris flavilineus
Gerstaeckeria bifasciata
Gerstaeckeria mutillaria
Gnorimoschema gudmannella
Gnorimoschema lavernella
Grapholitha packardi
Haplothrips gowdeyi
Heliodes bella
Heraeus guttatus
Hyphantria cunea
Japetus sphaeroides
Lepidosaphes carinata
Lepidosaphes philococcus
Ligyrocoris abdominalis
Ligyrocoris aurivilliana
Ligyrocoris litigious
Ligyrocoris nitidicollis
Lineodes integra
Liriomyza pusilla
Loxostege similalis
Lyctus caribeanus
Lygaeus circumplicatus
Lygaeus pusio
Lygaeus vittiscutis
Lygus elisus
Lygus oblineatus
Macrocephalus notatus
Macrocephalus stali
Macropygium reticulare
Megacerus contaminatus
Merobruchus flexicaulis
Merobruchus julianus
Metamasius sericeus carbonarius
Micrapate labialis
Mimorista flavidissimalis
Mimosestes dominicana
Mimosestes sallaei
Moneilema ebenus var.
Moodna bisinuella
Myodocha longicollis
Nabis alternatus
Neocattarus vegetus
Neoleucinodes elegantalis
Nysius basalis
Nysius calliger
Nysius minutus
Nysius raphanus
Ogdoecosta biannularis
Ogdoecosta juvenca
Olibrus submaculatus
Oosternum costatum
Ozophora consanguineus
Pachycoris torridus
Paraleyrodes singularis (?)
Parlatoria cinerea
Paroxyna sororcula
Pectinophora gossypiella
Phatnoma annulipes concisa
Phelypera distigma
Phenacoccus gossypii
Physonota attenuata
Physonota mexicana

MEXICO—Continued¹

Pityophthorus coronarius
Plagioderia atritarsis
Plagioderia congesta
Plagioderia semivittata
Plagioderia thymaloides
Platoeceticus symmicta
Platycarenum humilis
Platynota rostrana
Platynota stultana
Platypus rugulosus
Polydontomyia curvipes
Protopulvinaria longivalvata
Pseudischinaspis alienus
Pseudodiaspis yuccae
Pseudoparlatoria ostreata
Puto mexicanus
Renocis mexicanus
Reticulitermes flavipes
Rhagoletis pomonella
Rhagoletis striatella (?)
Rhopalophora incrustata
Scolytus rugulosus
Sericophanes ocellatus
Setomorpha rutella
Sisamnes contractus
Sizeonotus luteiceps
Stenoma catenifer
Stilodes caelebs
Synchlora aerata
Systole geniculata
Taeniothrips simplex
Talponia batesi
"Targlona" bromiliae
Targionia yuccarum
Tempyra biguttula
Tenthecoris angustimarginatus
Tenthecoris confusus
Tenthecoris distinctus
Tephritis genalis
Tetraleurodes mori
Texananus spatulatus
Trichobaris mucorea
Trochuda raspa
Tychius inermis
Tytthomimus rufotestaceus
Unaspis euonymi
Xylobiops parilis
Xylobiops texanus
Zabrotes subfasciatus
Zygogramma obscurifasciata
Zygogramma piceicollis

MONTSERRAT:
Myelois ceratoniae

MOROCCO:
Ceratitis capitata
Exosoma lusitanica

MOZAMBIQUE:
Cylas puncticollis

NETHERLANDS:
Allantus cinctus
Apion flavipes
Barathra brassicae
Barypeithes pellucidus
Bruchus luteicornis
Cassida nebulosa
Cassida nobilis
Ceutorhynchus erysimi
Ceutorhynchus floralis
Chaetarthria seminulum
Chlorochroa juniperina
Cymus melanocephalus
Dialeurodes chittendeni
Endrosis lactella
Eurydema oleraceum
Evergestis forficalis
Forficula auricularia
Gracilaria azaleella
Hoffmannophila pseudospretella
Hypera nigrirostris
Lecanium coryli
Lepidosaphes tuberculata
Longitarsus melanocephalus
Nemapogon granella
Periphyllus horridus (?)
Phyllotreta undulata
Phytobius quadrituberculatus

Countries of origin and insects—Continued

NETHERLANDS—Continued

Pnyxia scabiei
Psila rosae
Rhinoncus bruchoides
Rhopalosiphoninus tulipaella
Scolytus intricatus
Sibinia potentillae
Sitona lineata
Strophosoma rufipes
Taeniothrips simplex
Trialeurodes vaporariorum
Ulopa reticulata

NETHERLANDS GUIANA:

Diaphania nitidalis

NEW ZEALAND:

Maruca testulalis

NICARAGUA:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus spinosus
Metamasius sericeus
Stenoma catenifer

NORTH IRELAND:

Hofmannophila pseudospretella

NORWAY:

Brachyrhinus porcatus
Polygraphus poligraphus
Psila rosae
Rhinoncus pericarpus

PALESTINE:

Aleurotrachelus citri
Ceratitis capitata
Ceroplastes rusci
Lepidosaphes ficus

PANAMA:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Aspidiotus destructor
Aspidiotus palmae
Cardioscarta miniaticeps
Ceroplastes cirripediformis
Chrysomphalus umboniferus
Leucaspis cockerelli
Maruca testulalis
Pseudaonidia trilobitiformis
Stenoma catenifer

PERU:

Chrysomphalus personatus
Eucactophagus aurocinctus
Gnorimoschema plaesiosema
Lepidosaphes espinosai
Premnotrypes solani (?)
Zabrotes subfasciatus

PHILIPPINES:

Aonidiella inornata
Aspidiotus coryphae
Aspidiotus destructor
Aspidiotus excisus
Boroxylon stephegynis
Callispa duodecimmaculata
Callosobruchus chinensis
Coptorhynchus iliganus
Cryptorhynchus mangiferae
Cyamobolus palawanicus
Cylas formicarius
Cylas formicarius var.
Dacus dorsalis
Dinoderus brevis
Ferrisiana virgata
Furcaspis biformis
Leucaspis cockerelli
Morganella longispina
Nysius dallasi
Parlatoria citri
Parlatoria pseudaspidotus
Parlatoria zizyphus
Pseudaonidia curculiginis
Pseudococcus lilacinus
Pseudococcus palmarum
Pulvinaria psidii
Setomorpha rutella
Sinorylon anale

POLAND:

Bruchus brachialis

PORTUGAL:

Aphis medicaginis
Bruchus guttalis
Bruchus tristiculus
Ceratitis capitata
Chaetoptelius vestitus
Dacus oleae
Haplothrips cottei
Iridomyrmex humilis
Laspeyresia splendana
Lixus mucronatus
Pantomorus godmani
Parlatoria oleae
Rhagoletis cerasi
Sinorylon sexdentatum

PUERTO RICO:

Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostomia stercorea
Aspidiotus destructor
Aspidiotus herculeanus
Callosobruchus chinensis
Ceroplastes japonicus
Chaetopsis fulvifrons
Coccotrypes pygmaeus
Coccus viridis
Corcyra cephalonica
Cylas formicarius var.
Cylas formicarius elegantulus
Dialeurodes citrifolii
Diaprepes abbreviatus
Diatraea saccharalis
Elasmopalpus lignosellus
Euscepes postfasciatus
Euxesta stigmatias
Fundella pellucens
Maruca testulalis
Myelois ceratoniae
Paraleyrodes naramjue
Parlatoria zizyphus
Pectinophora gossypiella
Platynota rostrana (?)
Protopulvinaria pyriformis
Sphenarches caffer
"Targionia" hartii
"Targionia" sacchari
Thyanta perditor
Vinsonia stellifera

ST. KITTS:

Pectinophora gossypiella
"Targionia" hartii

ST. VINCENT:

Acanthoscelides armitagei
"Targionia" hartii

SAIPAN:

"Targionia" sacchari

SALVADOR:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus destructor
Conchaspis angraeci
Corcyra cephalonica
Eurytoma orchidearum
Icerya zeteki
Leucaspis cockerelli
Pseudischnaspis alienus
Stenoma catenifer

SCOTLAND:

Psila rosae

SIAM:

Cylas formicarius var.
Parlatoria zizyphus

SIERRA LEONE:

Caryedon fuscus
Cylas puncticollis

SOUTH PACIFIC:

Furcaspis oceanicus

SPAIN:

Ceratitis capitata
Dacus oleae
Psila rosae

STRAITS SETTLEMENT:

Aonidiella citrina
Cylas formicarius

Countries of origin and insects—Continued

SWEDEN: <i>Hylurgops palliatus</i> <i>Ips typographus</i> <i>Pityogenes chalcographus</i> <i>Pogonocherus fasciculatus</i> <i>Psila rosae</i> <i>Rhagoletis alternata</i>	UNKNOWN—Continued <i>Parlatoria crotonis</i> <i>Phlyctinus callosus</i> <i>Psila rosae</i> <i>Rhagoletis cerasi</i> (?) <i>Taeniothrips simplex</i> <i>Tenthecoris venezuelensis</i>
SWITZERLAND: <i>Parlatoria camelliae</i> <i>Rhagoletis cerasi</i>	VENEZUELA: <i>Amphicerus cornutus</i> <i>Anastrepha serpentina</i> <i>Asterolecanium epidendri</i> <i>Aulacaspis cinnamomi</i> <i>Brentus anchorago</i> <i>Callosobruchus maculatus</i> <i>Chrysomphalus umboniferus</i> <i>Coccus viridis</i> <i>Conchaspis angraeci</i> <i>Dryoctemes scrupulosus</i> <i>Dysides obscurus</i> <i>Eurytoma orchidearum</i> <i>Ferrisiana virgata</i> <i>Forficula auricularia</i> <i>Furcaspis biformis</i> <i>Heraeus cincticornis</i> <i>Lophocateres pusillus</i> <i>Lygaeus guatemalanus</i> <i>Mecolaemus carvalhoi</i> <i>Pectinophora gossypiella</i> <i>Protopulvinaria longivalvata</i> <i>Protopulvinaria pyriformis</i> <i>Sosylus terminalis</i> <i>Stenoma anonella</i> <i>Stenoma catenifer</i> <i>Tenthecoris venezuelensis</i>
SYRIA: <i>Ceratitis capitata</i>	
TAHITI: <i>Ceroplastes rubens</i> <i>Eucalymnatus tessellatus</i> <i>Morganella longispina</i> <i>Parlatoria cinerea</i>	
TRINIDAD: <i>Anastrepha mombinpraeoptans</i> <i>Aspidiotus destructor</i> <i>Diaphania nitidalis</i> <i>Furcaspis biformis</i> <i>Pseudaonidia tesserata</i> <i>Unaspis citri</i> <i>Vinsonia stellifera</i>	
TURKEY: <i>Laspeyresia splendana</i> <i>Parlatoria oleae</i>	
UNION OF SOUTH AFRICA: <i>Ceratitis capitata</i> <i>Ceratitis rosa</i> <i>Lema bilineata</i> <i>Phlyctinus callosus</i> <i>Trionymus lounsburyi</i>	
UNKNOWN: <i>Anastrepha ludens</i> <i>Anastrepha serpentina</i> (?) <i>Asterolecanium bambusae</i> <i>Bruchus luteicornis</i> <i>Ceratitis capitata</i> <i>Chilo simplex</i> <i>Grapholitha molesta</i> <i>Pantomorus godmani</i>	VIRGIN ISLANDS: <i>Corcyra cephalonica</i> <i>Cylas formicarius elegantulus</i> <i>Euscepes postfasciatus</i> "Targionia" hartii WALES: <i>Psila rosae</i> WEST INDIES: "Targionia" hartii

List of pests (diseases) collected and reported from July 1, 1947, to June 30, 1948, inclusive

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Aiternaria citri</i> Eil. & Pierce: <i>Citrus sinensis</i> (orange).....	Mexico.....	1	-----	-----	Tex.
<i>Aphelenchoides bicaudatus</i> Imanura: <i>Colocasia</i> sp.....	Cyprus.....	-----	-----	1	N. J.
Unidentified vine roots on returned war equipment.	Okinawa.....	1	-----	-----	Calif.*
<i>Aphelenchoides parietinus</i> (Bastian) Steiner: <i>Lilium</i> sp. (lily).....	England.....	-----	-----	1	N. J.
<i>Aphelenchoides ritzema-bosi</i> (Schwartz): <i>Allium sativum</i> (garlic).....	Mexico.....	1	-----	-----	Tex.
<i>Aphelenchoides subtenuis</i> Cobb: <i>Narcissus</i> sp.....	Netherlands.....	-----	-----	1	N. J.
<i>Aphelenchus avenae</i> Bastian: <i>Solanum tuberosum</i> (potato).....	France, Mexico.....	-----	2	-----	Tex.
<i>Ascochyta cichorii</i> Died.: <i>Cichorium intybus</i> (chicory).....	Belgium.....	1	-----	-----	N. Y.
<i>Ascochyta citri</i> Penz.: <i>Citrus sinensis</i> (?) (orange).....	Italy.....	1	-----	-----	Mich.
<i>Citrus</i> sp.....	Azores.....	1	-----	-----	N. Y.
<i>Ascochyta decipiens</i> Pass.: <i>Antirrhinum majus</i>	England.....	1	-----	-----	N. Y.
<i>Ascochyta fraxini</i> Bub. & Kab.: <i>Fraxinus excelsior</i> (European ash).....	Italy.....	1	-----	-----	N. Y.
<i>Ascochyta pisi</i> Lib.: <i>Pisum sativum</i> (pea).....	France.....	-----	1	-----	Tex.

List of pests (diseases) collected and reported from July 1, 1947, to June 30, 1948,
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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Asterosporium hoffmanni</i> G. Kunze: <i>Fagus</i> sp.-----	Netherlands-----			1	N. J.
<i>Aulographum eucalypti</i> Cke. & Mass.: <i>Eucalyptus ficifolia</i> -----	Australia-----	1			Ohio.
<i>Botryosphaeria ribis</i> Gross. & Dugg. (?): <i>Morus</i> sp. (?)-----	Japan-----			1	Calif.*
<i>Botrytis elliptica</i> (Berk.) Cke.: <i>Lilium auratum</i> (goldband lily)-----	do-----			2	Calif.*
<i>Botrytis galanthina</i> (Berk. & Br.) Sacc.: <i>Galanthus</i> sp.-----	Netherlands-----			41	Mich., N. J., N. Y., Ohio.
<i>Botrytis gladiolorum</i> Timmermans: <i>Gladiolus</i> sp.-----	do-----			13	N. J., Tex.
<i>Cercospora angraeci</i> Roum.: <i>Odontoglossum</i> sp. (orchid)-----	England, France-----			2	N. J.
<i>Cercospora gossypina</i> Cke.: <i>Gossypium</i> sp. (cotton)-----	Mexico-----	1			Tex.
<i>Cercospora handelii</i> Bub.: <i>Rhododendron</i> sp.-----	Belgium, Netherlands-----			10	N. J.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca sapientum</i> (banana)-----	Canal Zone, Costa Rica, Cuba, Dominican Re- public, Guatemala, Honduras, Mexico, Netherlands Guiana, Nicaragua, Panama-----	137	2		Calif.,* Md., N. Y., Pa., Tex.
<i>Cercospora neriella</i> Sacc.: <i>Nerium oleander</i> (oleander)-----	Bermuda-----	2		2	Md., Va.
<i>Cercospora nicotianae</i> Ell. & Ev.: <i>Nicotiana tabacum</i> (tobacco)-----	Cuba-----	3			N. Y.
<i>Cercospora physalicola</i> Ell. & Barth. (?): <i>Physalis</i> sp. (husk tomato)-----	Mexico-----	1			Tex.
<i>Cercospora rosicola</i> Pass.: <i>Rosa</i> sp. (rose)-----	Cuba, Mexico-----	2			N. J., Tex.
<i>Cercospora violae</i> Sacc.: <i>Viola</i> sp. (pansy)-----	Canada-----			1	N. Y.
<i>Cercospora zinniae</i> Ell. & Martin: <i>Zinnia</i> sp.-----	Trinidad-----	1			N. Y.
<i>Ceuthospora lunata</i> Shear: <i>Gaultheria</i> sp.-----	Netherlands-----			1	N. J.
<i>Coleosporium dahliae</i> Arth.: <i>Dahlia</i> sp.-----	Mexico-----	2			Tex.
<i>Coleosporium senecionis</i> (Pers.) Fr.: <i>Senecio deferens</i> -----	Argentina-----	1			N. Y.
<i>Colletotrichum hibisci</i> Poll. (?): <i>Hibiscus</i> sp.-----	Guam-----	1			Calif.*
<i>Colletotrichum lilii</i> Plakidas: <i>Lilium auratum</i> (goldband lily)-----	Japan-----			4	Calif.*
<i>Lilium auratum praecox</i> -----	do-----			1	Calif.*
<i>Lilium japonicum</i> (Japanese lily)-----	do-----			3	Calif.*
<i>Lilium pumilum</i> (coral lily)-----	China-----			1	Calif.*
<i>Lilium rubellum</i> (rubellum lily)-----	Japan-----			2	Calif.*
<i>Lilium speciosum</i> (speciosum lily)-----	do-----			1	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily).-----	do-----			2	Calif.*
<i>Lilium tigrinum</i> (tiger lily)-----	India-----			1	Calif.*
<i>Lilium</i> sp.-----	Australia, China, Japan-----			4	Calif.*
<i>Colletotrichum vanillae</i> Scalia: <i>Vanilla</i> sp. (orchid)-----	Cuba-----			1	Fla.
<i>Coniothyrium diplodiella</i> (Speg.) Sacc.: <i>Rosa</i> sp.-----	France-----			1	N. J.
<i>Coniothyrium genistae</i> (Roum.) Berl. & Vogl.: <i>Genista</i> sp.-----	Canada-----			1	N. J.
<i>Coniothyrium hellebori</i> Cke. & Mass.: <i>Helleborus niger</i> (Christmas-rose)-----	Netherlands-----			2	N. J.
<i>Coniothyrium hysteroideum</i> Karst.: <i>Dasyllirion</i> sp.-----	Mexico-----			1	Tex.
<i>Coniothyrium olivaceum</i> Bon.: <i>Ulex europaeus</i> (gorse)-----	Ireland-----			1	Mass.
<i>Coryneum beijerincki</i> Oud.: <i>Prunus persica</i> (peach)-----	Italy-----	1			N. Y.

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<i>Cryptospora longispora</i> Servazzi: <i>Pinus</i> sp. (pine)-----	New Zealand-----			1	N. Y.
<i>Cumminsella sanguinea</i> (Pk.) Arth.: <i>Mahonia aquifolium</i> (Oregon hollygrape)-----	Belgium, Netherlands-----			3	N. J.
<i>Cytospora ambiens</i> Sacc.: <i>Malus sylvestris</i> (apple)-----	England-----			1	N. J.
<i>Cytospora atra</i> (Bon.) Sacc.: <i>Morus</i> sp-----	Japan-----			1	Calif.*
<i>Cytospora ceratophora</i> Sacc.: <i>Castanea</i> sp. (chestnut)-----	France-----	1			N. Y.
<i>Cytospora chrysosperma</i> Pers. ex Fr.: <i>Salix</i> sp-----	Argentina-----		1		Pa.
<i>Cytospora lirella</i> Syd.: <i>Bambusa</i> sp. (bamboo)-----	Mexico-----			1	Calif.*
<i>Dendryphium toruloides</i> (Fres.) Sacc. var. <i>taurinese</i> (Ferr. & Tonelli) Trott.: <i>Cattleya skinneri</i> (orchid)-----	Costa Rica-----			1	Tex.
<i>Diaporthe dubia</i> Nits. (?): Cactus-----	Mexico-----			1	Tex.
<i>Diplodia bambusae</i> Ell. & Langl.: <i>Bambusa</i> sp. (bamboo)-----	do-----			1	Calif.*
<i>Diplodia paraphysaria</i> Sacc.: <i>Aerides</i> sp. (orchid)-----	Philippines-----			1	Calif.*
<i>Cattleya gigas</i> (orchid)-----	Colombia-----			1	Fla.
<i>Dendrobium</i> sp. (orchid)-----	Honduras-----			1	Fla.
<i>Epidendrum atropurpureum</i> (orchid)-----	Mexico-----			1	Calif.*
<i>Oncidium</i> sp. (orchid)-----	French Guiana-----			1	Calif.*
<i>Diplodia populina</i> Fekl.: <i>Populus</i> sp-----	Portugal-----	1			Pa.
<i>Diplodia theobromae</i> (Pat.) Nowell: <i>Cajanus cajan</i> (pigeonpea)-----	Panama-----	1			N. Y.
<i>Mangifera indica</i> (mango)-----	Egypt-----	1			N. Y.
<i>Manihot esculenta</i> (cassava)-----	Brazil-----			1	Fla.
<i>Musa paradisiaca</i> (plantain)-----	Cuba-----	1			N. Y.
<i>Discosia artocreas</i> Tode ex Fr.: <i>Rhododendron</i> sp-----	Netherlands-----			1	N. J.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.: <i>Allium sativum</i> (garlic)-----	Mexico-----	23	1	1	Tex.
<i>Colchicum agrippinum</i> (agrippa autumn-cro- cus). <i>Colchicum</i> sp-----	Netherlands-----			1	N. J.
<i>Narcissus</i> sp-----	do-----			1	N. J.
<i>Ornithogalum</i> sp-----	England-----			1	N. J.
<i>Ditylenchus iridis</i> Steiner: <i>Colchicum bornmuelleri</i> (bornmueller autumn- crocus). <i>Colchicum speciosum</i> (showy autumn-crocus)-----	Netherlands-----			1	N. J.
<i>Crocus</i> sp-----	do-----			1	Tex.
<i>Iris filifolia</i> (Gibraltar iris)-----	do-----	2			Calif.*
<i>Iris sindjarensis</i> (aleppo iris)-----	do-----			2	N. J.
<i>Iris xiphioides</i> (English iris)-----	do-----			1	N. J.
<i>Iris</i> sp-----	England, Netherlands-----			193	N. J.
<i>Tigridia</i> sp-----	Netherlands-----			1	N. J.
<i>Dothiorella gregaria</i> Sacc.: <i>Persea americana</i> (avocado)-----	Mexico-----	1			Tex.
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus limon</i> (lemon)-----	Argentina, Brazil, Para- guay-----		5		Mass., N. Y., Pa., Tex., Va.
<i>Citrus sinensis</i> (orange)-----	Argentina, Brazil-----		7		Fla.,* Md., Mass., Pa.
<i>Citrus</i> sp-----	Brazil-----		1		Fla.*
<i>Elsinoe phaseoli</i> Jenkins: <i>Phaseolus lunatus macrocarpus</i> (lima bean)-----	Puerto Rico-----	2			N. Y.
<i>Elsinoe piri</i> (Woron.) Jenkins: <i>Malus sylvestris</i> (apple)-----	Union of Soviet Socialist Republics-----		1		N. Y.
<i>Epicoccum nigrum</i> Lk.: <i>Capsicum frutescens</i> (pepper)-----	Mexico-----	1			Ariz.
<i>Exobasidium vaccinii</i> (Fekl.) Woron.: <i>Rhododendron</i> sp-----	Netherlands-----			1	N. J.

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<i>Fusarium oxysporum</i> Schlecht.:					
<i>Crocus</i> sp.-----	do-----			1	N. Y.
<i>Gladiolus</i> sp.-----	do-----			3	N. J., N. Y.
<i>Ipomoea batatas</i> (sweetpotato)-----	Mexico-----	1			Tex.
<i>Narcissus</i> sp.-----	Netherlands-----	1		150	Mass., Mich., N. Y., Pa., S. C., Va.
<i>Fusicladium eriobotryae</i> Cav.:					
<i>Eriobotrya japonica</i> (loquat)-----	Portugal-----	1	1		N. Y., Pa.
<i>Fusicladium pyracanthae</i> (Otth.) Rostr.:					
<i>Pyracantha coccinea</i> (scarlet firethorn)-----	Netherlands-----			1	N. J.
<i>Pyracantha</i> sp.-----	do-----			1	N. J.
<i>Fusicoccum cinctum</i> Sacc. & Roum.:					
<i>Castanea</i> sp. (chestnut)-----	Italy-----	1			Mo.
<i>Fusicoccum galericulatum</i> Sacc.:					
<i>Fagus sylvatica</i> (European beech)-----	Netherlands-----			1	N. J.
<i>Gliomastix convoluta</i> (Harz) Mason:					
<i>Colocasia esculenta</i> (taro)-----	China-----	1			Calif.*
<i>Eleocharis dulcis</i> (waternut)-----	do-----	1			Calif.*
<i>Oryza sativa</i> (rice)-----	Japan-----		1		Calif.*
<i>Zingiber officinale</i> (ginger)-----	China-----	10			Calif.*
<i>Gloeosporium cinnamomi</i> (P. Henn.) Died.:					
<i>Cinnamomum</i> sp. (cinnamon)-----	Dominica-----	1			N. Y.
<i>Gloeosporium fructigenum</i> Berk.					
<i>Cydonia oblonga</i> (quince)-----	Mexico-----	1			Tex.
<i>Gloeosporium leguminum</i> (Cke.) Sacc.:					
<i>Prosopis chilensis</i> (mesquite)-----	Dominican Republic-----	1			P. R.
<i>Gloeosporium olivarium</i> Alm.:					
<i>Olea europaea</i> (olive)-----	Italy-----	2			N. Y.
<i>Gloeosporium phacidiellum</i> Grove:					
<i>Prunus laurocerasus</i> (laurel cherry)-----	Netherlands-----			1	N. J.
<i>Gloeosporium piperatum</i> Ell. & Ev.:					
<i>Capsicum frutescens</i> (pepper)-----	Brazil-----		1		N. Y.
<i>Gloeosporium rhododendri</i> Briosi & Cav. (?):					
<i>Rhododendron</i> sp.-----	England-----			1	N. J.
<i>Gloeosporium sansevieriae</i> Verwoerd & du Plessis:					
<i>Sansevieria</i> sp.-----	Bermuda-----			1	Md.
<i>Gloniopsis levantica</i> Rehm:					
<i>Rhododendron</i> sp.-----	Netherlands-----			1	N. J.
<i>Helminthosporium carposaprum</i> Pollack:					
<i>Capsicum frutescens</i> (pepper)-----	Mexico-----		1		Tex.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	1	1		Tex.
<i>Helminthosporium oryzae</i> Breda de Haan:					
<i>Oryza sativa</i> (rice)-----	Japan-----	1			Ohio.
<i>Hemileia oncidii</i> Griff. & Maub.:					
<i>Oncidium varicosum rogersi</i> (orchid)-----	Brazil-----			1	N. J.
<i>Oncidium</i> sp.-----	Trinidad-----			1	N. J.
<i>Heterodera marioni</i> (Cornu) Goodey:					
<i>Polianthus tuberosa</i> (tuberose)-----	Mexico-----	1			Tex.
Vine roots on returned war equipment-----	Okinawa-----	1			Calif.*
<i>Heteropatella valtellinensis</i> (Trav.) Wr.:					
<i>Dianthus</i> sp. (carnation)-----	Canada-----			1	Wash.
<i>Heterosporium variabile</i> Cke.:					
<i>Rhododendron</i> sp.-----	Netherlands-----			1	N. J.
<i>Hormodendron cladosporioides</i> (Fres.) Sacc.:					
<i>Capsicum frutescens</i> (pepper)-----	Mexico-----	5			Ariz.
<i>Lycopersicon esculentum</i> (tomato)-----	France-----		1		Tex.
<i>Leptosphaeria heterospora</i> (De N.) Niessl:					
<i>Iris tenorii</i> -----	Netherlands-----			1	N. J.
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.:					
<i>Ruscus</i> sp.-----	Italy-----	1		1	N. Y., Pa.
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.:					
<i>Malus sylvestris</i> (apple)-----	France, Spain, Union of Soviet Socialist Re- publics.	2	1		N. Y.
<i>Lophodermium juniperinum</i> (Fr.) De N.:					
<i>Juniperus</i> sp. (juniper)-----	Netherlands-----			2	N. J.
<i>Macrophoma cattleyicola</i> P. Henn.:					
<i>Cattleya trianae</i> (orchid)-----	Colombia-----			1	Calif.*
<i>Cattleya</i> sp.-----	Venezuela-----			1	Pa.
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca</i> (plantain)-----	Dominican Republic-----	1			N. Y.

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Macrophomina phaseoli</i> (Maub.) Ashby:					
<i>Daucus carota</i> (carrot).....	Cuba.....		1		Tex.
<i>Ipomoea batatas</i> (sweetpotato).....	Mexico.....		1		Tex.
<i>Marsonina juglandis</i> Magn.:					
<i>Juglans regia</i> (Persian walnut).....	Italy.....	1			N. Y.
<i>Juglans</i> sp. (walnut).....	Morocco.....	1			N. Y.
<i>Marsonina ochroleuca</i> Berk. & Curt.:					
<i>Castanea</i> sp. (chestnut).....	Italy.....	2			Ill.
<i>Melanospora zamiae</i> Cda.:					
<i>Cymbidium mastersi</i> (orchid).....	India.....			1	Calif.*
<i>Pueraria thunbergiana</i> (kudzu-bean).....	China.....	1			Calif.*
<i>Zingiber officinale</i> (ginger).....	do.....	5			Calif.*
<i>Memnoniella echinata</i> (Rivolta) L. O. Gall.:					
<i>Odontoglossum</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Solanum tuberosum</i> (potato).....	do.....		1		Tex.
<i>Monilinia fructigena</i> (Pers.) Honey:					
<i>Malus sylvestris</i> (apple).....	Sweden.....		1		Tex.
<i>Monilinia laxa</i> (Aderh. & Ruhl.) Honey:					
<i>Prunus cerasifera</i> (?) (Myrobalan plum).....	New Zealand.....		1		Hawaii.
<i>Prunus</i> sp. (cherry).....	England.....	1			N. Y.
<i>Mycosphaerella hondai</i> Miyake:					
<i>Oryza sativa</i> (rice).....	China, Japan.....	5	3		Calif.*
<i>Mycosphaerella lythracearum</i> Wolf:					
<i>Punica granatum</i> (pomegranate).....	Puerto Rico.....	1			N. Y.
<i>Mycosphaerella pinodes</i> (Berk. & Blox.) Stone:					
<i>Pisum sativum</i> (pea).....	Portugal.....		1		Pa.
<i>Mycosphaerella rhododendri</i> (Cke.) G. H. Martin:					
<i>Rhododendron</i> sp.....	Netherlands.....			5	N. J.
<i>Mycosphaerella rosigena</i> (Ell. & Ev.) Lindau:					
<i>Rosa</i> sp. (rose).....	Bermuda.....			1	Md.
<i>Myrothecium roridum</i> Tode ex Fr.:					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Nectria cinnabarina</i> Fr.:					
<i>Acer</i> sp.....	Netherlands.....			1	N. J.
<i>Deutzia</i> sp.....	Norway.....			1	N. Y.
<i>Magnolia</i> sp.....	Netherlands.....			1	N. J.
<i>Neovossia horrida</i> (Tak.) Padwick & Armatulla Khan:					
<i>Oryza sativa</i> (rice).....	India.....	1			Pa.
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Oryza sativa</i> (rice).....	China.....	4			Calif.*
<i>Omphalia flavida</i> (Cke.) Maub. & Rangel:					
<i>Gardenia augusta</i> (gardenia).....	Mexico.....	9			N. Y., Tex.
<i>Panagrolaimus rigidus</i> (A. Schneid.) Thorne (?):					
<i>Solanum tuberosum</i> (potato).....	Netherlands.....		1		Tex.
<i>Papularia sphaerosperma</i> (Fr.) Hoehn.:					
Bamboo.....	Malaysia.....			1	N. Y.
<i>Papulaspora magnifica</i> Hotson (?):					
<i>Begonia</i> sp.....	Netherlands.....			1	N. J.
<i>Pestalotia anthurii</i> P. Henn.:					
<i>Anthurium sanguineum</i>	Guatemala.....			1	Calif.*
<i>Pestalotia banksiana</i> Cav. (?):					
<i>Banksia collina</i>	New Zealand.....			1	Calif.*
<i>Pestalotia conspicua</i> Servazzi:					
<i>Cattleya</i> sp. (orchid).....	Colombia.....			1	Fla.
<i>Cymbidium devonianum</i> (orchid).....	India.....			1	Calif.*
Orchid.....	Costa Rica, Honduras.....			2	Tex., Wash.
<i>Stanhopea</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Pestalotia guepini</i> Desm.:					
<i>Camellia</i> sp.....	Azores.....			1	Pa.
<i>Pestalotia leprogena</i> Speg. (?):					
<i>Musa paradisiaca sapientum</i> (banana).....	Netherlands, Guiana.....		1		Pa.
<i>Pestalotia macrotricha</i> Kleb.:					
<i>Rhododendron racemosum</i>	Netherlands.....			1	N. J.
<i>Rhododendron</i> sp.....	do.....			4	N. J., Wash.
<i>Pestalotia pezizoides</i> De N.:					
<i>Humulus</i> sp.....	England.....			1	N. J.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron indicum</i> (indica azalea).....	Belgium.....			1	N. J.
<i>Rhododendron</i> sp.....	Netherlands.....			3	N. J.

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Phacidium tsugae</i> Cash & Davidson: <i>Tsuga</i> sp. (hemlock).....	Canada.....			1	N. Y.
<i>Phoma citricarpa</i> McAlp.: <i>Citrus limon</i> (lemon).....	Australia, New Zealand.....		3		Calif.*, Mass.
<i>Citrus paradisi</i> (grapefruit).....	Australia.....		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	China.....	17			Calif.*
<i>Citrus sinensis</i> (orange).....	Australia, China, Spain, Union of South Africa (?).....	6	6		Calif.*, Mass., N. Y., Tex.
<i>Citrus</i> sp. (Mandarin-type orange).....	India.....		1		N. Y.
<i>Citrus</i> sp.....	China.....	1			N. Y.
<i>Phoma incarcerata</i> (Nits.) Sacc.: <i>Rosa</i> sp. (rose).....	Germany.....			1	N. J.
<i>Phomopsis alnea</i> Hoehn.: <i>Alnus incana pinnatifartita</i>	Finland.....			1	N. J.
<i>Phomopsis cinerascens</i> Trav.: <i>Ficus</i> sp.....	Greece.....			1	N. Y.
<i>Phomopsis corni</i> Trav. (?): <i>Cornus</i> sp.....	Canada.....			1	N. J.
<i>Phomopsis depressa</i> Trav. (?): <i>Syringa</i> sp.....	Netherlands.....			1	N. J.
<i>Phomopsis magnoliae</i> Died.: <i>Magnolia soulangeana</i> (saucer magnolia).....	do.....			1	N. J.
<i>Magnolia</i> sp.....	do.....			1	N. J.
<i>Phomopsis magnoliicola</i> Died.: <i>Magnolia</i> sp.....	do.....			3	N. J.
<i>Phomopsis tineae</i> (Sacc.) Hoehn.: <i>Viburnum</i> sp.....	do.....			1	N. J.
<i>Phomopsis vexans</i> (Sacc. & Syd.) Harter: <i>Solanum melongena</i> (eggplant).....	Mexico.....		1		Tex.
<i>Phyllachora balansae</i> Speg.: <i>Cedrela</i> sp.....	Panama.....	1			N. Y.
<i>Phyllachora cynodontis</i> (Sacc.) Niessl: <i>Cynodon dactylon</i> (Bermuda grass).....	India.....	1			Mass.
<i>Phyllachora engleri</i> Speg.: <i>Anthurium</i> sp.....	Costa Rica.....	1			Fla.
<i>Phyllosticta camelliae</i> West.: <i>Camellia</i> sp.....	Netherlands.....			1	N. J.
<i>Phyllosticta cymbidii</i> Verpl.: <i>Cymbidium</i> sp. (orchid).....	Japan.....			1	Hawaii.
<i>Phyllosticta laeliae</i> Keissl.: <i>Cymbidium</i> sp. (orchid).....	England.....			1	Calif.*
Orchid.....	Mexico.....			2	Ariz., Tex.
<i>Phyllosticta limbalis</i> Pers.: <i>Buxus</i> sp.....	Netherlands.....			2	N. J.
<i>Phyllosticta maculiformis</i> Sacc.: <i>Castanea sativa</i> (chestnut).....	Italy.....			1	N. Y.
<i>Phyllosticta odontoglossi</i> Verpl. & Claess.: <i>Stanhopea wardii</i> (orchid).....	Panama.....			1	Fla.
<i>Stanhopea</i> sp.....	Costa Rica.....			1	Fla.
<i>Phyllosticta sorghina</i> Sacc.: <i>Sorghum vulgare</i> (sorghum).....	Liberia.....			1	D. C.
<i>Physalospora camptospora</i> Sacc.: <i>Laelia purpurata</i> (orchid).....	Brazil.....			1	Tex.
<i>Laelia</i> sp.....	Mexico.....			2	Tex.
<i>Physalospora obtusa</i> (Schw.) Cke.: <i>Pyrus communis</i> (pear).....	Argentina.....	1			N. Y.
<i>Physalospora orchidearum</i> P. Henn.: <i>Cymbidium</i> sp. (orchid).....	India.....			1	N. J.
<i>Cypripedium</i> sp. (orchid).....	do.....			1	N. J.
Orchid.....	do.....			1	N. J.
<i>Physalospora peribambusina</i> Rehm: Bamboo.....	do.....	1			N. Y.
<i>Physalospora wildemaniana</i> Sacc. (?): <i>Trichopilia tortilis</i> (orchid).....	Mexico.....			1	Calif.*
<i>Physopella fici</i> (Cast.) Arth.: <i>Ficus carica</i> (fig).....	do.....		1	1	Tex.
<i>Phytophthora citrophthora</i> (E. H. & R. E. Sm.) Leonian: <i>Cucurbita</i> sp. (squash).....	do.....	1			Tex.
<i>Phytophthora phaseoli</i> Thaxt.: <i>Phaseolus vulgaris</i> var. (string bean).....	do.....	1			Tex.

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		Consump- tion	Nonentry	Propaga- tion	
<i>Pithya cupressina</i> (Fr.) Fckl.: <i>Juniperus</i> sp.-----	Netherlands-----			1	N. J.
<i>Plasmodiophora brassicae</i> Wor.: <i>Brassica rapa</i> (turnip)-----	do-----		1		Tex.
<i>Pleospora gillettiana</i> Sacc.: <i>Ulex europaeus</i> (gorse)-----	Ireland-----			1	Mass.
<i>Pleospora herbarum</i> (Pers.) Rab.: <i>Fraxinus excelsior</i> (European ash)-----	Italy-----	1			N. Y.
<i>Plowrightia virgultorum</i> (Fr.) Sacc.: <i>Betula pendula</i> (European white birch)-----	Sweden-----		1		Mass.
<i>Polyporus sanguineus</i> Fr.: Wood—truck body-----	Philippines-----	1			Calif.*
<i>Pratylenchus scribneri</i> Steiner: <i>Solanum tuberosum</i> (potato)-----	Mexico-----	1			Tex.
<i>Pseudomonas fabae</i> (Yu) Breed: <i>Vicia faba</i> (broadbean)-----	India-----			1	D. C.
<i>Pseudomonas marginata</i> (McCull.) Stapp: <i>Crocus</i> sp.-----	Netherlands-----			1	N. Y.
<i>Gladiolus</i> sp.-----	Azores, Guatemala-----	1		1	N. J., Tex.
<i>Pseudomonas savastanoi</i> (E. F. Sm.) F. L. Stevens: <i>Olea europaea</i> (olive)-----	Azores-----	1			Mass.
<i>Pseudomonas seminum</i> Cayley: <i>Pisum sativum</i> (pea)-----	Portugal-----		2		Pa.
<i>Pseudomonas viciae</i> Uyeda: <i>Vicia faba</i> (broadbean)-----	India-----			1	D. C.
<i>Puccinia longicornis</i> Pat. & Hariot: Bamboo-----	China-----	1			N. Y.
<i>Puccinia magnusiana</i> Koern.: <i>Phragmites communis</i> (reed)-----	Italy-----	1			N. Y.
<i>Puccinia melanocephala</i> Syd.: Bamboo-----	India-----		1		Mass.
<i>Puccinia ornithogali-thyrsoidea</i> Diet.: <i>Ornithogalum thyrsoidea</i> (chinkerichee)-----	Union of South Africa-----	2			Md., Mass.
<i>Puccinia phragmitis</i> (Schum.) Koern.: <i>Phragmites communis</i> (reed)-----	Italy-----		1		Pa.
<i>Puccinia rubigo-vera secalis</i> (Eriks.) Carlton: <i>Secale cereale</i> (rye)-----	Tunisia-----	1			Tex.
<i>Puccinia stakmanii</i> Presley: <i>Gossypium</i> sp. (cotton)-----	Mexico-----	1			Ariz.
<i>Pyrenopeziza lauri-cerasi</i> (Desm.) Nannf.: <i>Prunus laurocerasus</i> (English cherry-laurel)-----	Netherlands-----			3	N. J.
<i>Ravenelia siliquae</i> Long: <i>Acacia farnesiana</i> -----	Mexico-----	1			Tex.
<i>Sclerotinia kernerii</i> Wettst.: <i>Abies alba</i> (silver fir)-----	Germany-----	1			Pa.
<i>Sclerotinia minor</i> Jagger: <i>Cichorium endivia</i> (endive)-----	Belgium-----	3			N. Y.
<i>Sclerotiopsis concava</i> (Desm.) Shear & Dodge: <i>Hydrangea petiolaris</i> (climbing hydrangea)-----	Netherlands-----			1	N. J.
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic)-----	Italy-----		1		Pa.
<i>Sclerotium delphinii</i> Welch: <i>Lilium</i> sp. (lily)-----	Netherlands-----			2	N. Y.
<i>Sclerotium oryzae</i> Catt.: <i>Oryza sativa</i> (rice)-----	China, Japan-----	1	3		Calif.,* D. C.
<i>Septoria arethusa</i> Penz.: <i>Citrus limon</i> (lemon)-----	Argentina-----		1		Mass.
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron</i> sp.-----	Belgium, Netherlands-----			10	N. J., Wash.
<i>Septoria cercosporoides</i> Trail: <i>Chrysanthemum</i> sp.-----	Mexico-----	1			Tex.
<i>Septoria dianthi</i> Desm. (?): <i>Dianthus</i> sp.-----	New Zealand-----			1	Calif.*
<i>Septoria nodorum</i> Berk.: <i>Triticum aestivum</i> (wheat)-----	England-----	1			Kans.
<i>Septoria pisi</i> West.: <i>Pisum sativum</i> (pea)-----	Spain-----		1		Pa.

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<i>Septoria posekensis</i> Sacc.:					
<i>Cymbidium devonianum</i> (orchid)-----	India-----			5	Calif.*
<i>Cymbidium whiteae</i> -----	do-----			5	Calif.*
<i>Cymbidium</i> sp.-----	do-----			1	Calif.*
<i>Cypripedium fairieanum</i> (orchid)-----	do-----			5	Calif.,* N. J.
<i>Cypripedium insigne</i> -----	do-----			3	Calif.*
<i>Septoria vincae</i> Desm.:					
<i>Vinca minor</i> (periwinkle)-----	Netherlands-----			1	N. J.
<i>Sphaceloma fawcettii</i> Bitanc. & Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins:					
<i>Citrus limon</i> (lemon)-----	Australia-----		1		Mass.
<i>Sphacelotheca trachypogonis</i> Zundel:					
<i>Trachypogon montufari</i> (crinkleawn)-----	Brazil-----			1	D. C.
<i>Sphaeropsis ellisii</i> Sacc.:					
<i>Pinus</i> sp. (pine)-----	Italy-----	1			Pa.
<i>Sphaeropsis malorum</i> Pk.:					
<i>Salix alba vittelina</i> (yellowstem white willow)-----	Union of Soviet Socialist Republics-----			1	D. C.
<i>Salix</i> sp.-----	Argentina-----		1		Pa.
<i>Sphaeropsis salicicola</i> Pass.:					
Wood-----	Portugal-----	1			Pa.
<i>Sphenospora kevorkianii</i> Linder:					
<i>Stanhopea</i> (?) sp. (orchid)-----	Ecuador-----			1	Tex.
<i>Stachybotrys subsimplex</i> Cke.:					
<i>Brassica rapa</i> (turnip)-----	Australia-----		1		Calif.*
<i>Stachylidium theobromae</i> Turc.:					
<i>Musa paradisiaca</i> (plantain)-----	Costa Rica, Cuba, 11 Honduras-----				N. Y.
<i>Musa paradisiaca sapientum</i> (banana)-----	Canal Zone, Costa Rica, Ecuador, Guatemala, Haiti, Honduras, Mexico, Panama, St. Lucia-----	32	2		Calif.,* N. Y., Wash.
<i>Stagonospora curtisii</i> (Berk.) Sacc. (?):					
<i>Narcissus</i> sp.-----	Australia-----			1	Calif.*
<i>Stagonospora ilicis</i> Grove:					
<i>Ilex aquifolium</i> (English holly)-----	England-----			1	N. Y.
<i>Stemphylium botryosum</i> Wallr.:					
<i>Allium porrum</i> (leek)-----	France-----		1		Pa.
<i>Cucumis melo</i> var. honeydew-----	Chile-----	1			N. Y.
<i>Dianthus</i> sp. (carnation)-----	Mexico-----	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)-----	Canary Islands, Morocco-----	2	1		N. Y.
<i>Pennisetum</i> sp.-----	Pretoria-----			1	D. C.
<i>Pittosporum</i> sp.-----	Bermuda-----			1	Md.
<i>Stemphylium ilicis</i> Tengwall:					
<i>Capsicum frutescens</i> (pepper)-----	Mexico-----	4			Ariz., Tex.
<i>Hyacinthus</i> sp.-----	Netherlands-----			4	N. Y., Pa., Tex.
<i>Muscari</i> sp.-----	do-----			2	Pa., S. C.
<i>Stereum fasciatum</i> Schw.:					
Orchid-----	Mexico-----			1	Tex.
<i>Stevensia wrightii</i> (Stevens) Trott.:					
Cactus-----	do-----			1	Tex.
<i>Stilbum incarnatum</i> Wakk.:					
<i>Colocasia esculenta</i> (dasheen)-----	China-----	1			Calif.*
<i>Eleocharis dulcis</i> (waternut)-----	do-----	2			Calif.*
<i>Nymphaea</i> sp. (waterlily)-----	do-----	1			N. Y.
<i>Trapa natans</i> (waterchestnut)-----	do-----	1			Calif.*
<i>Zingiber officinale</i> (ginger)-----	do-----	1			Calif.*
<i>Thecopsora areolata</i> (Fr.) Magn.:					
<i>Prunus padus</i> ("bird" cherry)-----	Finland-----			1	Wash.
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.:					
<i>Begonia</i> sp.-----	Belgium, France, Netherlands-----			3	N. J., N. Y.
<i>Sinningia</i> sp. (gloxinia)-----	Belgium, Netherlands-----			12	N. J., N. Y., Pa.
<i>Tilletia rugispora</i> Ell. & Gall.:					
<i>Paspalum</i> sp.-----	Brazil-----			2	D. C.
"Tomato pox":					
<i>Lycopersicon esculentum</i> (tomato)-----	Mexico-----	14			Tex.
<i>Tranzschelia pruni-spinosae</i> (Pers.) Diet.:					
<i>Prunus persica</i> (peach)-----	do-----	1			Tex.
<i>Prunus</i> spp.-----	do-----	1			La.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948, inclusive—Continued
[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Triposporium stelligerum</i> Speg.: <i>Gardenia augusta</i> (gardenia)	Mexico	1			Tex.
<i>Trochila ilicis</i> (Chev. ex Fr.) Crouan: <i>Ilex aquifolium</i> (English holly)	British Columbia	1			Mich.
<i>Tubercularia vulgaris</i> Tode ex Fr.: <i>Sorbus</i> sp.	Netherlands			1	N. J.
<i>Uredo behnickiana</i> P. Henn.: <i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
<i>Laelia gouldiana</i>	do			1	Tex.
<i>Uredo epidendri</i> P. Henn.: <i>Epidendrum anceps</i> or <i>E. rigidum</i> (orchid)	do			1	Tex.
<i>Oncidium</i> (?) sp. (orchid)	Honduras			1	Fla.
<i>Uredo guacae</i> Mayor: <i>Cattleya</i> (?) sp. (orchid)	Venezuela			1	P. R.
<i>Stanhopea graveolens</i> (orchid)	Brazil			1	Calif.*
<i>Stanhopea</i> sp.	Mexico, Peru			2	P. R., Tex.
<i>Uredo ignava</i> Arth.: <i>Bambusa vulgaris</i> (bamboo)	Unknown		1		N. Y.
<i>Bambusa</i> sp. (bamboo)	China			1	D. C.
<i>Uredo oncidii</i> P. Henn.: <i>Oncidium</i> sp. (orchid)	Mexico			3	Tex.
<i>Uredo scabies</i> Oke.: <i>Vanilla planifolia</i> (orchid)	Nicaragua			1	D. C.
<i>Vanilla pompona</i>	Canal Zone			1	N. J.
<i>Vanilla</i> sp.	Nicaragua			1	Fla.
<i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum autumnale</i> (autumn-crocus)	Netherlands			10	N. J.
<i>Colchicum bornmuelleri</i> (bornmueller au- tumn-crocus).	do			1	N. J.
<i>Colchicum</i> sp.	England, Netherlands			10	N. J.
<i>Urocystis oculata</i> (Wallr.) Rab.: <i>Secale cereale</i> (rye)	Tunisia	1			Tex.
<i>Uromyces alyxiae</i> Arth.: <i>Alyxia olivaeformis</i>	Hawaii	1			Calif.*
<i>Uromyces baeumerlianus</i> Bub.: <i>Melilotus messanensis</i>	Egypt			1	N. Y.
<i>Uromyces dolicholi</i> Arth.: <i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			N. Y.
<i>Uromyces fabae</i> (Pers.) DBy.: <i>Vicia</i> sp.	Greece, Netherlands	2			Fla.*, N. Y.
<i>Uromyces striatus</i> Schroet. var. <i>medicaginis</i> (Pass.) Arth.: <i>Medicago sativa</i> (alfalfa)	Argentina, Mexico	1	1		N. Y., Tex.
<i>Ustilago kenjiana</i> Ito (?): <i>Sorghum vulgare</i> (sorghum)	Arabia			1	D. C.
<i>Venturia pyrina</i> Aderh.: <i>Cydonia oblonga</i> (quince)	Italy	1			N. Y.
<i>Vermicularia dematium</i> Fr.: <i>Amaryllis</i> sp.	Azores			1	Mass.
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Verticillidochium tubercularioides</i> (Speg.) Bub.: <i>Daucus carota</i> (carrot)	Sweden		1		Tex.
<i>Verticillium buxi</i> Auers. & Fleisch.: <i>Buxus</i> sp.	Netherlands			1	N. J.
<i>Xanthomonas citri</i> (Hassc) Dowson: <i>Citrus aurantifolia</i> (sour lime)	India		5		Md., Mass., N. Y.
<i>Citrus paradisi</i> (grapefruit)	Philippines		1		Calif.*
<i>Xanthomonas hyacinthi</i> (Wakk.) Dowson: <i>Hyacinthus</i> sp.	Netherlands			4	Mich., N. Y., S. C.

Hosts and diseases

- ABIES:**
Sclerotinia kernerii (Ascomycetes)
- ACACIA:**
Ravenelia siliquae (Promycetes)
- ACER:**
Nectria cinnabarina (Ascomycetes)
- AERIDES:**
Diplodia paraphysaria (Deuteromycetes)
- ALLIUM PORRUM:**
Stemphylium botryosum (Deuteromycetes)
- ALLIUM SATIVUM:**
Aphelenchoides ritzema-bosi (Nematoda)
Ditylenchus dipsaci (Nematoda)
Sclerotium cepivorum (Deuteromycetes)
- ALNUS:**
Phomopsis alnea (Deuteromycetes)
- ALYXIA:**
Uromyces alyxiae (Promycetes)
- AMARYLLIS:**
Vermicularia dematium (Deuteromycetes)
- ANTHURIUM:**
Pestalotia anthurii (Deuteromycetes)
Phyllachora engleri (Ascomycetes)
- ANTIRRHINUM:**
Ascochyta decipiens (Deuteromycetes)
- BAMBOO:**
Papularia sphaerosperma (Deuteromycetes)
Physalospora peribambusina (Ascomycetes)
Puccinia longicornis (Promycetes)
Puccinia melanocephala (Promycetes)
- BAMBUSA:**
Cytospora lirella (Deuteromycetes)
Diplodia bambusae (Deuteromycetes)
Uredo ignava (Promycetes)
- BANKSIA:**
Pestalotia banksiana (?) (Deuteromycetes)
- BEGONIA:**
Papulaspora magnifica (?) (Deuteromycetes)
Thielaviopsis basicola (Deuteromycetes)
- BETULA:**
Plowrightia virgultorum (Ascomycetes)
- BRASSICA RAPA:**
Plasmodiophora brassicae (Myxomycetes)
Stachybotrys subsimplex (Deuteromycetes)
- BUXUS:**
Phyllosticta limbalis (Deuteromycetes)
Verticillium buxi (Deuteromycetes)
- CACTUS:**
Diaporthe dubia (?) (Ascomycetes)
Perisporium wrightii (Ascomycetes)
- CAJANUS:**
Diplodia theobromae (Deuteromycetes)
Uromyces dolicholi (Promycetes)
- CAMELLIA:**
Pestalotia guepini (Deuteromycetes)
Phyllosticta camelliae (Ascomycetes)
- CAPSICUM:**
Epicoccum nigrum (Deuteromycetes)
Gloeosporium piperatum (Deuteromycetes)
Helminthosporium carposaprum (Deuteromycetes)
Hormodendron cladosporioides (Deuteromycetes)
Myrothecium roridum (Deuteromycetes)
Stemphylium ilicis (Deuteromycetes)
- CASTANEA:**
Cytospora ceratosphora (Deuteromycetes)
Fusicoccum cinctum (Deuteromycetes)
Marsonina ochroleuca (Deuteromycetes)
Phyllosticta maculiformis (Deuteromycetes)
- CATTLEA:**
Dendryphium toruloides var. *taurinense* (Deuteromycetes)
Diplodia paraphysaria (Deuteromycetes)
Macrophoma cattleyicola (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Uredo guacae (Promycetes)
- CEDRELA:**
Phyllachora balansae (Ascomycetes)
- CHRYSANTHEMUM:**
Septoria cercosporoides (Deuteromycetes)
- CICHORIUM:**
Ascochyta cichorii (Deuteromycetes)
Sclerotinia minor (Ascomycetes)
- CINNAMOMUM:**
Gloeosporium cinnamomi (Deuteromycetes)
- CITRUS AURANTIFOLIA:**
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria arethusa (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
- CITRUS PARADISI:**
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA:**
Phoma citricarpa (Deuteromycetes)
- CITRUS SINENSIS:**
Alternaria citri (Deuteromycetes)
Ascochyta citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
- CITRUS SP.:**
Ascochyta citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
- COLCHICUM:**
Ditylenchus dipsaci (Nematoda)
Ditylenchus iridis (Nematoda)
Urocystis colchici (Promycetes)
- COLOCASIA:**
Aphelenchoides bicaudatus (Nematoda)
Gliomastix convoluta (Deuteromycetes)
Stilbum incarnatum (Deuteromycetes)
- CORNUS:**
Phomopsis corni (Deuteromycetes)
- CROCUS:**
Ditylenchus iridis (Nematoda)
Fusarium bulbigenum (Deuteromycetes)
Pseudomonas marginata (Schizomycetes)
- CUCUMIS:**
Stemphylium botryosum (Deuteromycetes)
- CUCURBITA:**
Phytophthora citrophthora (Phycomycetes)
- CYDONIA:**
Gloeosporium fructigenum (Deuteromycetes)
Venturia pyrina (Ascomycetes)
- CYMBIDIUM:**
Melanospora zamiae (Ascomycetes)
Pestalotia conspicua (Deuteromycetes)
Phyllosticta cymbidii (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Physalospora orchidearum (Ascomycetes)
Septoria posekensis (Deuteromycetes)
- CYNODON:**
Phyllachora cynodontis (Ascomycetes)
- CYPRIPEDIUM:**
Physalospora orchidearum (Ascomycetes)
Septoria posekensis (Deuteromycetes)
- DAHLIA:**
Coleosporium dahliae (Promycetes)
- DASYLIRION:**
Coniothyrium hysteroideum (Deuteromycetes)
- DAUCUS:**
Macrophomina phaseoli (Deuteromycetes)
Verticillidochium tubercularioides (Deuteromycetes)
- DENDROBIUM:**
Diplodia paraphysaria (Deuteromycetes)
- DEUTZIA:**
Nectria cinnabarina (Ascomycetes)
- DIANTHUS:**
Heteropatella valtellinensis (Deuteromycetes)
Septoria dianthi (?) (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
- ELEOCHARIS:**
Gliomastix convoluta (Deuteromycetes)
Stilbum incarnatum (Deuteromycetes)
- EPIDENDRUM:**
Diplodia paraphysaria (Deuteromycetes)
Uredo epidendri (Promycetes)
- ERIOBOTRYA:**
Fusicladium eriobotryae (Deuteromycetes)
- EUCALYPTUS:**
Aulographum eucalypti (Ascomycetes)
- FAGUS:**
Asterosporium hoffmanni (Deuteromycetes)
Fusicoccum galericulatum (Deuteromycetes)
- FICUS:**
Phomopsis cinerascens (Deuteromycetes)
Physopella fici (Promycetes)
- FRAXINUS:**
Ascochyta fraxini (Deuteromycetes)
Pleospora herbarum (Ascomycetes)

Hosts and diseases—Continued

- GALANTHUS:**
Botrytis galanthina (Deuteromycetes)
- GARDENIA:**
Omphalia flavida (Deuteromycetes)
Triposporium stelligerum (Deuteromycetes)
- GAULTHERA:**
Ceuthospora lunata (Deuteromycetes)
- GENISTA:**
Coniothyrium genistae (Deuteromycetes)
- GLADIOLUS:**
Botrytis gladiolorum (Deuteromycetes)
Fusarium oxysporum var. *gladioli* (Deuteromycetes)
Pseudomonas marginata (Schizomycetes)
- GOSSYPIUM:**
Cercospora gossypina (Deuteromycetes)
Puccinia stakmanii (Promycetes)
- HELLEBORUS:**
Coniothyrium hellebori (Deuteromycetes)
- HIBISCUS:**
Colletotrichum hibisci (?) (Deuteromycetes)
- HUMULUS:**
Pestalotia pezizoides (Deuteromycetes)
- HYACINTHUS:**
Stemphylium ilicis (Deuteromycetes)
Xanthomonas hyacinthi (Schizomycetes)
- HYDRANGEA:**
Sclerotopsis concava (Deuteromycetes)
- ILEX:**
Stagonospora ilicis (Deuteromycetes)
Trochilia ilicis (Ascomycetes)
- IPOMOEA:**
Fusarium oxysporium (Deuteromycetes)
Macrophomina phaseoli (Deuteromycetes)
- IRIS:**
Ditylenchus iridis (Nematoda)
Leptosphaeria heterospora (Ascomycetes)
- JUGLANS:**
Marsonia juglandis (Deuteromycetes)
- JUNIPERUS:**
Lophodermium juniperinum (Ascomycetes)
Pithya cupressina (Aseomycetes)
- LAELIA:**
Physalospora camptospora (Ascomycetes)
Uredo behnickiana (Promycetes)
- LILIUM:**
Aphelenchoides parietinus (Nematoda)
Botrytis elliptica (Deuteromycetes)
Colletotrichum lilii (Deuteromycetes)
Sclerotium delphinii (Deuteromycetes)
- LYCOPERSICON:**
Helminthosporium carposaprum (Deuteromycetes)
Hormodendron cladosporioides (Deuteromycetes)
Myrothecium roridum (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
 "Tomato pox"
Vermicularia dematium (Deuteromycetes)
- MAGNOLIA:**
Nectria cinnabarina (Ascomycetes)
Phomopsis magnoliae (Deuteromycetes)
Phomopsis magnoliicola (Deuteromycetes)
- MAHONIA:**
Cumminsella sanguinea (Promycetes)
- MALUS:**
Cytospora ambiens (Deuteromycetes)
Elsinoe piri (Aseomycetes)
Leptothyrium pomi (Deuteromycetes)
Monilinia fructigena (Ascomycetes)
- MANGIFERA:**
Diplodia theobromae (Deuteromycetes)
- MANIHOT:**
Diplodia theobromae (Deuteromycetes)
- MEDICAGO:**
Uromyces striatus var. *medicaginis* (Promycetes)
- MELILOTUS:**
Uromyces baeumerianus (Promycetes)
- MORUS:**
Botryosphaeria ribis (?) (Aseomycetes)
Cytospora atra (Deuteromycetes)
- MUSA PARADISIACA:**
Diplodia theobromae (Deuteromycetes)
Macrophoma musae (Deuteromycetes)
Stachylidium theobromae (Deuteromycetes)
- MUSA PARADISIACA SAPIENTUM:**
Cercospora musae (Deuteromycetes)
Pestalotia leprogena (?) (Deuteromycetes)
Stachylidium theobromae (Deuteromycetes)
- MUSCARI:**
Stemphylium ilicis (Deuteromycetes)
- NARCISSUS:**
Aphelenchoides subtenuis (Nematoda)
Ditylenchus dipsaci (Nematoda)
Fusarium bulbigenum (Deuteromycetes)
Stagonospora curtisii (?) (Deuteromycetes)
- NERIUM:**
Cercospora neriella (Deuteromycetes)
- NICOTIANA:**
Cercospora nicotianae (Deuteromycetes)
- NYMPHAEA:**
Stilbum incarnatum (Deuteromycetes)
- ODONTOGLOSSUM:**
Cercospora angraeci (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
- OLEA:**
Gloeosporium olivarum (Deuteromycetes)
Pseudomonas savastanoi (Schizomycetes)
- ONCIDIUM:**
Diplodia paraphysaria (Deuteromycetes)
Hemileia oncidii (Promycetes)
Uredo epidendri (Promycetes)
Uredo oncidii (Promycetes)
- ORCHID:**
Pestalotia conspicua (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Physalospora orchidearum (Aseomycetes)
Stereum fasciatum (Basidiomycetes)
- ORNITHOGALUM:**
Ditylenchus dipsaci (Nematoda)
Puccinia ornithogali-thyrsoideis (Promycetes)
- ORYZA:**
Glomastix convoluta (Deuteromycetes)
Helminthosporium oryzae (Deuteromycetes)
Mycosphaerella hondai (Aseomycetes)
Neovossia horrida (Promycetes)
Nigrospora sphaerica (Deuteromycetes)
Sclerotium oryzae (Deuteromycetes)
- PASPALUM:**
Tilletia rugispora (Promycetes)
- PENNISETUM:**
Stemphylium botryosum (Deuteromycetes)
- PERSEA:**
Dothiorella gregaria (Deuteromycetes)
- PHASEOLUS LUNATUS MACROCARPUS:**
Elsinoe phaseoli (Aseomycetes)
- PHASEOLUS VULGARIS** var. (string bean):
Phytophthora phaseoli (Phycomycetes)
- PHRAGMITES:**
Puccinia magnusiana (Promycetes)
Puccinia phragmitis (Promycetes)
- PHYSALIS:**
Cercospora physalicola (Deuteromycetes)
- PINUS:**
Cryptospora longispora (Ascomycetes)
Sphaeropsis ellisii (Deuteromycetes)
- PISUM:**
Ascochyta pisi (Deuteromycetes)
Mycosphaerella pinodes (Aseomycetes)
Pseudomonas seminum (Schizomycetes)
Septoria pisi (Deuteromycetes)
- PITTOSPORUM:**
Stemphylium botryosum (Deuteromycetes)
- POLIANTHUS:**
Heterodera marioni (Nematoda)
- POPULUS:**
Diplodia populina (Deuteromycetes)
- PROSOPI:**
Gloeosporium leguminum (Deuteromycetes)
- PRUNUS CERASIFERA:**
Monilinia laxa (Deuteromycetes)
- PRUNUS LAUROCERASUS:**
Gloeosporium phacidiellum (Deuteromycetes)
Pyrenopeziza lauri-cerasi (Ascomycetes)
- PRUNUS PADUS:**
Thecopsora areolata (Deuteromycetes)
- PRUNUS PERSICA:**
Coryneum beijerincki (Deuteromycetes)
Tranzschelia pruni-spinosae (Promycetes)
- PRUNUS SP. (cherry):**
Monilinia laxa (Deuteromycetes)
- PRUNUS SP.:**
Tranzschelia pruni-spinosae (Promycetes)
- PUERARIA:**
Melanospora zamiae (Aseomycetes)
- PUNICA:**
Mycosphaerella lythracearum (Aseomycetes)

Hosts and diseases—Continued

PYRACANTHA:

Fusicladium pyracanthae (Deuteromyeetes)

PYRUS:

Physalospora obtusa (Ascomyeetes)

RHODODENDRON:

Cercospora handelii (Deuteromyeetes)*Discosia artocreas* (Deuteromyeetes)*Exobasidium vaccinii* (Basidiomycetes)*Gloeosporium rhododendri* (?) (Deuteromyeetes)*Gloniopsis levantica* (Ascomyeetes)*Heterosporium variabile* (Deuteromyeetes)*Mycosphaerella rhododendri* (Ascomyeetes)*Pestalotia macrotricha* (Deuteromyeetes)*Pestalotia rhododendri* (Deuteromyeetes)*Septoria azalea* (Deuteromyeetes)

ROSA:

Cercospora rosicola (Deuteromyeetes)*Coniothyrium diplodiella* (Deuteromyeetes)*Mycosphaerella rosigena* (Ascomyeetes)*Phoma incarcerationata* (Deuteromyeetes)

RUSCUS:

Leptosphaeria rusci (Ascomyeetes)

SALIX:

Cytospora chrysosperma (Deuteromyeetes)*Sphaeropsis malorum* (Deuteromyeetes)

SANSEVIERIA:

Gloeosporium sansevieriae (Deuteromyeetes)

SECALE:

Puccinia rubigo-vera secalis (Promyeetes)*Urocystis occulata* (Promycetes)

SENECIO:

Coleosporium senecionis (Promycetes)

SINNINGIA:

Thielaviopsis basicola (Deuteromyeetes)

SOLANUM MELONGENA:

Phomopsis vexans (Deuteromyeetes)

SOLANUM TUBEROSUM:

Aphelenchus avenae (Nematoda)*Memnoniella echinata* (Deuteromyeetes)*Panagrolaimus rigidus* (?) (Nematoda)*Pratylenchus scribneri* (Nematoda)

SORBUS:

Tubercularia vulgaris (Deuteromyeetes)

SORGHUM:

Phyllosticta sorghina (Deuteromyeetes)*Ustilago kenjiana* (?) (Promyeetes)

STANTHOPEA:

Pestalotia conspicua (Deuteromyeetes)*Phyllosticta odontoglossi* (Deuteromyeetes)*Sphenospora kevorkianii* (Promycetes)*Uredo guacae* (Promycetes)

SYRINGA:

Phomopsis depressa (?) (Deuteromyeetes)

TIGRIDIA:

Ditylenchus iridis (Nematoda)

TRACHYPOGON:

Sphacelotheca trachypogonis (Promyeetes)

TRAPA:

Stilbum incarnatum (Deuteromyeetes)

TRICHOPILIA:

Physalospora wildemaniana (Ascomyeetes)

TRITICUM:

Septoria nodorum (Deuteromyeetes)

TSUGA:

Phacidium tsugae (Ascomycetes)

ULEX:

Coniothyrium olivaceum (Deuteromyeetes)*Pleospora gilletiana* (Ascomycetes)

VANILLA:

Colletotrichum vanillae (Deuteromyeetes)*Uredo scabies* (Promycetes)

VIBURNUM:

Phomopsis tineae (Deuteromyeetes)

VICIA:

Pseudomonas fabae (Schizomyeetes)*Pseudomonas viciae* (Schizomyeetes)*Uromyces fabae* (Promycetes)

VINCA:

Septoria vincae (Deuteromyeetes)

VIOLA:

Cercospora violae (Deuteromyeetes)

ZINGIBER:

Gliomastix convoluta (Deuteromyeetes)*Melanospora zamiae* (Ascomycetes)*Stilbum incarnatum* (Deuteromyeetes)

ZINNIA:

Cercospora zinniae (Deuteromyeetes)

Hosts Unknown

VINE ROOTS:

Aphelenchoides bicaudatus (Nematoda)*Heterodera marioni* (Nematoda)

WOOD:

Polyporus sanguineus (Basidiomycetes)*Sphaeropsis salicicola* (Deuteromyeetes)

Countries of origin and diseases

ARABIA:

Ustilago kenjiana (?)

ARGENTINA:

*Coleosporium senecionis**Cytospora chrysosperma**Elsinoe australis**Physalospora obtusa**Septoria arethusa**Sphaeropsis malorum**Uromyces striatus* var. *medicaginis*

AUSTRALIA:

*Aulographum eucalypti**Colletotrichum lilii**Phoma citricarpa**Sphaceloma fauettii* var. *scabiosa**Stachybotrys subsimplex**Stagonospora curtisii* (?)

AZORES:

*Ascochyta citri**Pestalotia guepini**Pseudomonas marginata**Pseudomonas savastanoi**Vermicularia dematium*

BELGIUM:

*Ascochyta cichorii**Cercospora handelii**Cumminsia sanguinea**Pestalotia rhododendri**Sclerotinia minor**Septoria azaleae**Thielaviopsis basicola*

BERMUDA:

*Cercospora neriella**Gloeosporium sansevieriae**Mycosphaerella rosigena**Stemphylium botryosum*

BRAZIL:

*Diplodia theobromae**Elsinoe australis**Gloeosporium piperatum**Hemileia oncidii**Physalospora camptospora**Sphacelotheca trachypogonis**Tilletia rugispora**Uredo guacae*

BRITISH COLUMBIA:

Trochila ilicis

CANADA:

*Cercospora violae**Coniothyrium genistae**Heteropatella valtellinensis**Phacidium tsugae**Phomopsis corni*

CANAL ZONE:

*Cercospora musae**Stachylidium theobromae**Uredo scabies*

CANARY ISLANDS:

Stemphylium botryosum

CHILE:

Stemphylium botryosum

Countries of origin and diseases—Continued

CHINA:

Colletotrichum lilii
Gliomastix convoluta
Melanospora zamiae
Mycosphaerella hondai
Nigrospora sphaerica
Phoma citricarpa
Puccinia longicornis
Sclerotium oryzae
Stilbum incarnatum
Uredo ignava

COLOMBIA:

Diplodia paraphysaria
Macrophoma cattleyicola
Pestalotia conspicua

COSTA RICA:

Cercospora musae
Dendryphium toruloides var. *taurinense*
Pestalotia conspicua
Phyllachora engleri
Phyllosticta odontoglossi
Stachylidium theobromae

CUBA:

Cercospora musae
Cercospora nicotianae
Cercospora rosicola
Colletotrichum vanillae
Diplodia theobromae
Macrophomina phaseoli
Stachylidium theobromae

CYPRUS:

Aphelenchoides bicaudatus

DOMINICA:

Cercospora musae
Gloeosporium cinnamomi

DOMINICAN REPUBLIC:

Cercospora musae
Gloeosporium leguminum
Macrophoma musae
Stachylidium theobromae

DUTCH GUIANA:

Cercospora musae
Pestalotia leprogena(?)

ECUADOR:

Sphenospora kevorkianii
Stachylidium theobromae

EGYPT:

Diplodia theobromae
Uromyces baeumerlianus

ENGLAND:

Aphelenchoides parietinus
Ascochyta decipiens
Cercospora angraeci
Cytospora ambiens
Ditylenchus dipsaci
Ditylenchus iridis
Gloeosporium rhododendri (?)
Monilinia laxa
Pestalotia pezizioides
Phyllosticta laeliae
Septoria nodorum
Stagonospora ilicis
Urocystis colchici

FINLAND:

Phomopsis alnea
Thecopsora areolata

FRANCE:

Aphelenchus avenae
Ascochyta pisi
Cercospora angraeci
Coniothyrium diplodiella
Cytospora ceratosphora
Hormodendron cladosporioides
Leptothyrium pomi
Stemphylium botryosum
Thielaviopsis basicola

FRENCH GUIANA:

Diplodia paraphysaria

GERMANY:

Phoma incarcerata
Sclerotinia kernerii

GREECE:

Phomopsis cinerascens
Uromyces fabae

GUAM:

Colletotrichum hibisci (?)

GUATEMALA:

Cercospora musae
Pestalotia anthurii
Pseudomonas marginata
Stachylidium theobromae

HAITI:

Stachylidium theobromae

HAWAII:

Uromyces alyziae

HONDURAS:

Cercospora musae
Diplodia paraphysaria
Pestalotia conspicua
Stachylidium theobromae
Uredo epidendri

INDIA:

Colletotrichum lilii
Melanospora zamiae
Neovossia horrida
Pestalotia conspicua
Phoma citricarpa
Phyllachora cynodontis
Physalospora orchidearum
Physalospora peribambusina
Pseudomonas fabae
Pseudomonas viciae
Puccinia melanocephala
Septoria posekensis
Xanthomonas citri

IRELAND:

Coniothyrium olivaceum
Pleospora gilletiana

ITALY:

Ascochyta citri
Ascochyta fraxini
Coryneum beijerincki
Fusicoccum cinctum
Gloeosporium olivarum
Leptosphaeria rusci
Marsonina juglandis
Marsonina ochroleuca
Phyllosticta maculiformis
Pleospora herbarum
Puccinia magnusiana
Puccinia phragmitis
Sclerotium cepivorum
Sphaeropsis ellisii
Venturia pyrina

JAPAN:

Botryosphaeria ribis (?)
Botrytis elliptica
Colletotrichum lilii
Cytospora atra
Gliomastix convoluta
Helminthosporium oryzae
Mycosphaerella hondai
Phyllosticta cymbidii
Sclerotium oryzae

LIBERIA:

Phyllosticta sorghina

MALAYSIA:

Papularia sphaerosperma

MEXICO:

Alternaria citri
Aphelenchoides ritzema-bosi
Aphelenchus avenae
Cercospora gossypina
Cercospora musae
Cercospora physalicola (?)
Cercospora rosicola
Coleosporium dahliae
Coniothyrium hysterioideum
Cytospora lirella
Diaporthe dubia (?)
Diplodia bambusae
Diplodia paraphysaria
Ditylenchus dipsaci
Dothiorella gregaria
Epicoccum nigrum
Fusarium oxysporium
Gloeosporium fructigenum
Helminthosporium carposaprum
Heterodera marioni
Hormodendron cladosporioides
Macrophomina phaseoli
Memnoniella echinata
Myrothecium roridum
Omphalia flvida

Countries of origin and diseases—Continued

MEXICO—Continued

Perisporium wrightii
Pestalotia conspicua
Phomopsis vexans
Phyllosticta laeliae
Physalospora camptospora
Physalospora wildemaniana (?)
Physopella fici
Phytophthora citrophthora
Phytophthora phaseoli
Pratylenchus scribneri
Puccinia stakmanii
Ravenelia siliquae
Septoria cercosporoides
Stachylidium theobromae
Stemphylium botryosum
Stemphylium ilicis
Stereum fasciatum
 "Tomato pox"
Tranzschelia pruni-spinosae
Triposporium stelligerum
Uredo behnickiana
Uredo epidendri
Uredo guacae
Uredo oncidii
Uromyces striatus var. *medicaginis*
Vermicularia dematium

MOROCCO:

Marsonina juglandis
Stemphylium botryosum

NETHERLANDS:

Aphelenchoides subtenuis
Asterosporium hoffmanni
Botrytis galanthina
Botrytis gladiolorum
Cercospora handelii
Ceuthospora lunata
Coniothyrium hellebori
Cumminsiaella sanguinea
Discosia artocreas
Ditylenchus dipsaci
Ditylenchus iridis
Exobasidium vaccinii
Fusarium bulbigenum
Fusicladium pyracanthae
Fusicoccum gallericulatum
Fusarium oxysporum var. *gladioli*
Gloeosporium phacidiellum
Gloniopsis levantica
Heterosporium variabile
Leptosphaeria heterospora
Lophodermium juniperinum
Mycosphaerella rhododendri
Nectria cinnabarina
Panagrolaimus rigidus (?)
Papulaspora magnifica (?)
Pestalotia macrotricha
Pestalotia rhododendri
Phomopsis depressa (?)
Phomopsis magnoliae
Phomopsis magnoliicola
Phomopsis tineae
Phyllosticta camelliae
Phyllosticta limbalis
Pithya cupressina
Plasmodiophora brassicae
Pseudomonas marginata
Pyrenopeziza lauri-cerasi
Sclerotiopsis concava
Sclerotium delphinii
Septoria azaleae
Septoria vincae
Stemphylium ilicis
Thielaviopsis basicola

NETHERLANDS—Continued

Tubercularia vulgaris
Uromyces fabae
Urocystis colchici
Verticillium buxi
Xanthomonas hyacinthi

NEW ZEALAND:

Cryptospora longispora
Monilinia laxa
Pestalotia banksiana (?)
Phoma citricarpa
Septoria dianthi (?)

NICARAGUA:

Cercospora musae
Uredo scabies

NORWAY:

Nectria cinnabarina

OKINAWA:

Aphelenchoides bicaudatus
Heterodera marioni

PANAMA:

Cercospora musae
Diplodia theobromae
Phyllachora balansae
Phyllosticta odontoglossi
Stachylidium theobromae

PARAGUAY:

Elsinoe australis

PERU:

Uredo guacae

PHILIPPINES:

Diplodia paraphysaria
Polyporus sanguineus
Xanthomonas citri

PORTUGAL:

Diplodia populina
Fusicladium eriobotryae
Mycosphaerella pinodes
Pseudomonas seminum
Sphaeropsis salicicola

PRETORIA:

Stemphylium botryosum

PUERTO RICO:

Elsinoe phaseoli
Mycosphaerella lythracearum
Uromyces dolicholi

ST. LUCIA:

Stachylidium theobromae

SPAIN:

Leptothyrium pomi
Phoma citricarpa
Septoria pisi

SWEDEN:

Monilinia fructigena
Plowrightia virgultorum
Verticillidochium tubercularioides

TRINIDAD:

Cercospora zinniae
Hemileia oncidii

TUNISIA:

Puccinia rubigo-vera secalis
Urocystis occulata

UNION OF SOUTH AFRICA:

Phoma citricarpa
Puccinia ornithogalli-thyrsoidea

UNION OF SOVIET SOCIALIST REPUBLICS:

Elsinoe piri
Leptothyrium pomi
Sphaeropsis malorum

UNKNOWN:

Uredo ignava

VENEZUELA:

Macrophoma cattleyicola
Uredo guacae

